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<223> Description of Artificial Sequence: example target  
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<210> 1701

<211> 10

<212> DNA

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<223> Description of Artificial Sequence: example target  
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ttgggagcgg

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<210> 1702

<211> 10

<212> DNA

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<223> Description of Artificial Sequence: example target  
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<210> 1703

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<223> Description of Artificial Sequence: example target  
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<223> Description of Artificial Sequence: example target  
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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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<210> 1747  
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<212> PRT  
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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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Arg Ser Asp Glu Leu Arg Arg  
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<223> Description of Artificial Sequence: example ZFP

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Arg Ala Asp Thr Leu Arg Arg  
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<223> Description of Artificial Sequence: example ZFP

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Gln Ser Gly Ser Leu Thr Arg  
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<210> 1758

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<223> Description of Artificial Sequence: example ZFP

<400> 1758

Gln Ser Gly Ser Leu Thr Arg  
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<210> 1759

<211> 7

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<223> Description of Artificial Sequence: example ZFP

<400> 1759

Gln Ser Gly Ser Leu Thr Arg  
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<210> 1760  
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<223> Description of Artificial Sequence: example ZFP

<400> 1760  
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<223> Description of Artificial Sequence: example ZFP

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Thr Thr Ser Asn Leu Ala Arg  
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<210> 1762  
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<223> Description of Artificial Sequence: example ZFP

<400> 1762  
Arg Ser Asp Ala Leu Thr Arg  
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<210> 1763  
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<223> Description of Artificial Sequence: example ZFP

<400> 1763  
Arg Ser Asp Ala Leu Thr Arg  
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<210> 1764  
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<223> Description of Artificial Sequence: example ZFP

<400> 1764

Gln Ser Ser Ala Leu Ala Arg  
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<210> 1765

<211> 7

<212> PRT

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<223> Description of Artificial Sequence: example ZFP

<400> 1765

Gln Ser Ser Asn Leu Ala Arg  
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<210> 1766

<211> 7

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<223> Description of Artificial Sequence: example ZFP

<400> 1766

Gln Ser Ser Asp Leu Thr Arg  
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<210> 1767

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<223> Description of Artificial Sequence: example ZFP

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Arg Ser Asp Asn Leu Ala Arg  
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<210> 1768 -

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<223> Description of Artificial Sequence: example ZFP

<400> 1768  
Arg Ser Asp Asn Leu Ala Arg  
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<210> 1769  
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<223> Description of Artificial Sequence: example ZFP

<400> 1769  
Arg Ser Asp Asp Leu Thr Arg  
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<210> 1770  
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<223> Description of Artificial Sequence: example ZFP

<400> 1770  
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<210> 1771  
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<400> 1771  
Arg Ser Asp His Leu Ala Arg  
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<210> 1772  
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<210> 1773

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<223> Description of Artificial Sequence: example ZFP

<400> 1773

Arg Ser Asp His Leu Ala Arg

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<210> 1774

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<223> Description of Artificial Sequence: example ZFP

<400> 1774

Gln Ser Ser Asp Leu Thr Arg

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<210> 1775

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<223> Description of Artificial Sequence: example ZFP

<400> 1775

Arg Ser Asp His Leu Ala Arg

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<210> 1776

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<223> Description of Artificial Sequence: example ZFP

<400> 1776

Arg Ser Asp Asn Leu Ala Arg

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<223> Description of Artificial Sequence: example ZFP

<400> 1777  
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<210> 1778  
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<223> Description of Artificial Sequence: example ZFP

<400> 1778  
Arg Ser Asp Asn Leu Thr Arg  
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<210> 1779  
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<223> Description of Artificial Sequence: example ZFP

<400> 1779  
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<210> 1780  
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<223> Description of Artificial Sequence: example ZFP

<400> 1780  
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<210> 1781  
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<400> 1781  
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<210> 1782  
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<400> 1782  
Gln Arg Ser Ala Leu Ala Ser  
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<210> 1783  
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<400> 1783  
Gln Ser Gly Ser Leu Thr Arg  
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<210> 1784  
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<400> 1784  
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<210> 1785  
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<400> 1785  
Asp Ser Gly His Leu Thr Arg  
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<210> 1786  
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<400> 1786  
Asp Arg Ser His Leu Thr Arg  
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<210> 1787  
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<223> Description of Artificial Sequence: example ZFP

<400> 1787  
Arg Ser Asp Glu Leu Thr Arg  
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<210> 1788  
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<223> Description of Artificial Sequence: example ZFP

<400> 1788  
Arg Ser Asp Asn Leu Ala Arg  
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<210> 1789  
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<223> Description of Artificial Sequence: example ZFP

<400> 1789  
Arg Ser His His Leu Ala Arg  
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<210> 1790  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1790  
Gln Ser Ser Asp Leu Arg Arg  
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<210> 1791  
<211> 7  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1791  
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<210> 1792  
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<400> 1792  
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<210> 1793  
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<223> Description of Artificial Sequence: example ZFP

<400> 1793  
Asp Arg Ser His Leu Thr Arg  
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<210> 1794  
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<223> Description of Artificial Sequence: example ZFP

<400> 1798

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<210> 1799

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<223> Description of Artificial Sequence: example ZFP

<400> 1799

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<210> 1800

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<212> PRT

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<223> Description of Artificial Sequence: example ZFP

<400> 1800

Arg Ser Ser Asn Leu Arg Glu  
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<210> 1801

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<223> Description of Artificial Sequence: example ZFP

<400> 1801

Arg Ser Asp Glu Leu Thr Arg  
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<210> 1802

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<223> Description of Artificial Sequence: example ZFP

<400> 1802

Arg Ser Asp Thr Leu Lys Lys  
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<210> 1803

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<223> Description of Artificial Sequence: example ZFP

<400> 1803

Arg Ser Asp Thr Leu Lys Lys  
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<210> 1804

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<223> Description of Artificial Sequence: example ZFP

<400> 1804

Gln Ser Asp Asn Leu Ala Arg  
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<210> 1805

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<223> Description of Artificial Sequence: example ZFP

<400> 1805

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<210> 1806

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<223> Description of Artificial Sequence: example ZFP

<400> 1806

Arg Ala Asp Thr Leu Arg Arg  
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Arg Ser Asp Glu Leu Thr Arg  
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<210> 1808  
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Arg Ser Asp Glu Leu Thr Arg  
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<210> 1809  
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<210> 1810  
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<210> 1813  
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<210> 1814  
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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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<210> 1817  
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<223> Description of Artificial Sequence: example ZFP

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<210> 1818  
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<223> Description of Artificial Sequence: example ZFP

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<210> 1819  
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<223> Description of Artificial Sequence: example ZFP

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<210> 1820  
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<223> Description of Artificial Sequence: example ZFP

<400> 1820  
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<210> 1821  
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<223> Description of Artificial Sequence: example ZFP

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<210> 1822  
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<223> Description of Artificial Sequence: example ZFP

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<210> 1823  
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<223> Description of Artificial Sequence: example ZFP

<400> 1823  
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<210> 1824

<211> 7  
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<223> Description of Artificial Sequence: example ZFP

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<210> 1825  
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<223> Description of Artificial Sequence: example ZFP

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<210> 1826  
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<223> Description of Artificial Sequence: example ZFP

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1 5

<210> 1827  
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<223> Description of Artificial Sequence: example ZFP

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<210> 1831  
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<210> 1832  
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Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 1833  
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<210> 1834  
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1 5

<210> 1835  
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<223> Description of Artificial Sequence: example ZFP

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1 5

<210> 1836  
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<223> Description of Artificial Sequence: example ZFP

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1 5

<210> 1837  
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<223> Description of Artificial Sequence: example ZFP

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1 5

<210> 1838  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1838  
Arg Ser Asp Glu Leu Gln Arg  
1 5

<210> 1839  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1839  
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1 5

<210> 1840  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1840  
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1 5

<210> 1841  
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<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1841

Asp Arg Ser His Leu Ala Arg  
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<210> 1842

<211> 7

<212> PRT

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<223> Description of Artificial Sequence: example ZFP

<400> 1842

Arg Ser Asp Glu Leu Ser Arg  
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<210> 1843

<211> 7

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<223> Description of Artificial Sequence: example ZFP

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Arg Ser Asp Glu Leu Ser Arg  
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<210> 1844

<211> 7

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<223> Description of Artificial Sequence: example ZFP

<400> 1844

Arg Ser Asp Asp Leu Gln Arg  
1 5

<210> 1845

<211> 7

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<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1845  
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1 5

<210> 1846  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1846  
Arg Ser Asp Glu Leu Gln Arg  
1 5

<210> 1847  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1847  
Arg Ser Asp Glu Leu Gln Arg  
1 5

<210> 1848  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1848  
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1 5

<210> 1849  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1849  
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1 5

<210> 1850  
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<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1850

Arg Ser Asp Ser Leu Leu Arg  
1 5

<210> 1851

<211> 7

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: example ZFP

<400> 1851

Arg Gln Asp Thr Leu Val Gly  
1 5

<210> 1852

<211> 7

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<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1852

Arg Lys Asp Val Leu Val Ser  
1 5

<210> 1853

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1853

Arg Leu Asp Gly Leu Arg Thr  
1 5

<210> 1854



<211> 7  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1854  
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1 5

<210> 1855  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1855  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1856  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1856  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1857  
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<223> Description of Artificial Sequence: example ZFP

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1 5

<210> 1858  
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<220>  
<223> Description of Artificial Sequence: example ZFP

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Asp Arg Ser Ala Leu Ala Arg  
1 5

<210> 1859  
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<223> Description of Artificial Sequence: example ZFP

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Gln Ser Gly His Leu Gln Arg  
1 5

<210> 1860  
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<223> Description of Artificial Sequence: example ZFP

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Gln Ser Gly His Leu Gln Arg  
1 5

<210> 1861  
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<220>  
<223> Description of Artificial Sequence: example ZFP

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1 5

<210> 1862  
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<223> Description of Artificial Sequence: example ZFP

<400> 1862  
Arg Ser Asp Ala Leu Thr Ser  
1 5

<210> 1863  
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<223> Description of Artificial Sequence: example ZFP

<400> 1863  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1864  
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<223> Description of Artificial Sequence: example ZFP

<400> 1864  
Arg Ser Asp His Leu Thr Arg  
1 5

<210> 1865  
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<223> Description of Artificial Sequence: example ZFP

<400> 1865  
Arg Ser Asp Ala Leu Arg Gln  
1 5

<210> 1866  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1866  
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1 5

<210> 1867  
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<223> Description of Artificial Sequence: example ZFP

<400> 1867  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1868  
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<223> Description of Artificial Sequence: example ZFP

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Arg Ser Asp Ala Leu Ser Arg  
1 5

<210> 1869  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1869  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1870  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1870  
Arg Ser Asp His Leu Ser Arg  
1 5

<210> 1871  
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<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1871

Asp Arg Ser Ala Leu Ala Arg  
1 5

<210> 1872

<211> 7

<212> PRT

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<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1872

Arg Ser Asp His Leu Ser Arg  
1 5

<210> 1873

<211> 7

<212> PRT

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<223> Description of Artificial Sequence: example ZFP

<400> 1873

Gln Ser Ser His Leu Ala Arg  
1 5

<210> 1874

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<223> Description of Artificial Sequence: example ZFP

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Gln Ser Ser His Leu Ala Arg  
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<210> 1875

<211> 7

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<223> Description of Artificial Sequence: example ZFP

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<210> 1876

<211> 7

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<223> Description of Artificial Sequence: example ZFP

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Arg Ser Asp Ala Leu Ser Arg  
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<210> 1877

<211> 7

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<223> Description of Artificial Sequence: example ZFP

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<210> 1878

<211> 7

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<223> Description of Artificial Sequence: example ZFP

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Arg Ser Asp His Leu Ser Arg  
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<210> 1879

<211> 7

<212> PRT

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<223> Description of Artificial Sequence: example ZFP

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Arg Ser Asp Ala Leu Ala Arg

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<210> 1880

<211> 7

<212> PRT

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<223> Description of Artificial Sequence: example ZFP

<400> 1880

Gln Ser Ser Asp Leu Gln Arg

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<210> 1881

<211> 7

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<223> Description of Artificial Sequence: example ZFP

<400> 1881

Arg Ser Asp His Leu Ser Arg

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<210> 1882

<211> 7

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<223> Description of Artificial Sequence: example ZFP

<400> 1882

Arg Ser Asp His Leu Ser Arg

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<210> 1883

<211> 7

<212> PRT

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<223> Description of Artificial Sequence: example ZFP

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Arg Ser Asp His Leu Ser Arg

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<223> Description of Artificial Sequence: example ZFP

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<210> 1885  
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<220>  
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<400> 1885  
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1 5

<210> 1886  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1886  
Gln Ser Ser Ala Leu Arg Thr  
1 5

<210> 1887  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1887  
Asp Arg Ser Asn Leu Glu Arg  
1 5

<210> 1888  
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<212> PRT  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1888  
Asp Ser Ser Asn Leu Thr Arg  
1 5

<210> 1889  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1889  
Gln Ser Ala His Leu Ala Arg  
1 5

<210> 1890  
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<223> Description of Artificial Sequence: example ZFP

<400> 1890  
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1 5

<210> 1891  
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<223> Description of Artificial Sequence: example ZFP

<400> 1891  
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1 5

<210> 1892  
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<223> Description of Artificial Sequence: example ZFP

<400> 1892  
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1 5

<210> 1893  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1893  
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1 5

<210> 1894  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1894  
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1 5

<210> 1895  
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<223> Description of Artificial Sequence: example ZFP

<400> 1895  
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1 5

<210> 1896  
<211> 7  
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<400> 1896  
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1 5

<210> 1897  
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<400> 1897  
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1 5

<210> 1898  
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<223> Description of Artificial Sequence: example ZFP

<400> 1898  
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<210> 1899  
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<223> Description of Artificial Sequence: example ZFP

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1 5

<210> 1900  
<211> 7  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1900  
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<210> 1901  
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<223> Description of Artificial Sequence: example ZFP

<400> 1901  
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<210> 1902  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1902  
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1 5

<210> 1903  
<211> 7  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1903  
Gln Ser Gly His Leu Gln Arg  
1 5

<210> 1904  
<211> 7  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1904  
Gln Ser Gly His Leu Gln Arg  
1 5

<210> 1905  
<211> 7  
<212> PRT  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1905  
Gln Ser Gly His Leu Gln Arg  
1 5

<210> 1906  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1906  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 1907  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1907  
Gln Ser Gly His Leu Ala Arg  
1 5

<210> 1908  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1908  
Gln Ser Gly His Leu Ala Arg  
1 5

<210> 1909  
<211> 7  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1909

Arg Ser Asp His Leu Thr Thr  
1 5

<210> 1910

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1910

Arg Ser Asp His Leu Thr Thr  
1 5

<210> 1911

<211> 7

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: example ZFP

<400> 1911

Arg Leu Asp Asn Arg Thr Ala  
1 5

<210> 1912

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1912

Arg Ser Asp Ser Leu Thr Lys  
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<210> 1913

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1913

Arg Ser Asp Ala Leu Ala Arg  
1 5

<210> 1914  
<211> 7  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1914  
Arg Ser Asp Ala Leu Ala Arg  
1 5

<210> 1915  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1915  
Arg Gly Asp Ala Leu Thr Ser  
1 5

<210> 1916  
<211> 7  
<212> PRT  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1916  
Arg Ser Asp Ser Leu Thr Lys  
1 5

<210> 1917  
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<212> PRT  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 1917  
Arg Ser Asp Asn Leu Gln Arg  
1 5

<210> 1918  
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<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1918

Arg Lys Asp Asn Met Thr Ala  
1 5

<210> 1919

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1919

Arg Lys Asp Asn Met Thr Gln  
1 5

<210> 1920

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1920

Arg Lys Asp Asn Met Thr Asn  
1 5

<210> 1921

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 1921

Arg Leu Asp Asn Arg Thr Ala  
1 5

<210> 1922

<211> 7

<212> PRT

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<223> Description of Artificial Sequence: example ZFP



<400> 1922  
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<223> Description of Artificial Sequence: example target  
DNA

<400> 2038  
gtgggggct

9

<210> 2039  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2039  
gtgggggct

9

<210> 2040  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2040  
gggggctgg

9

<210> 2041  
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DNA

<400> 2041  
gggggctgg

9

<210> 2042

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 ggggctggg 9  
  
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 <220>  
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 ggggctggg 9  
  
 <210> 2046  
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<223> Description of Artificial Sequence: example target  
DNA

<400> 2046  
ggtgcggtg

9

<210> 2047  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2047  
ggtgcggtg

9

<210> 2048  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2048  
ggtgcggtg

9

<210> 2049  
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<220>  
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DNA

<400> 2049  
ggtgcggtg

9

<210> 2050  
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<220>  
<223> Description of Artificial Sequence: example target

DNA

<400> 2050  
gaggcggca

9

<210> 2051  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2051  
gaggcggca

9

<210> 2052  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2052  
gcggcggtg

9

<210> 2053  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2053  
gcggcggcc

9

<210> 2054  
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<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2054  
gaggaggcc

9

<210> 2055  
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<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2055  
gaggaggcc

9

<210> 2056  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2056  
gaggccgca

9

<210> 2057  
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<212> DNA  
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<220>  
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DNA

<400> 2057  
gaggccgca

9

<210> 2058  
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<220>  
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DNA

<400> 2058  
gtgggcgcc

9

<210> 2059



<211> 9  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2059  
gtgggcgcc

9

<210> 2060  
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<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2060  
gtgggcgcc

9

<210> 2061  
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<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2061  
gccgcggtc

9

<210> 2062  
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<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2062  
gccgcggtc

9

<210> 2063  
<211> 9  
<212> DNA  
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<220>  
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<400> 2063  
 caggccgct 9

<210> 2064  
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<220>  
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     DNA

<400> 2064  
 caggccgct 9

<210> 2065  
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<220>  
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<400> 2065  
 ctggcagtg 9

<210> 2066  
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<220>  
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<400> 2066  
 ctggcagtg 9

<210> 2067  
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<220>  
 <223> Description of Artificial Sequence: example target

DNA

<400> 2067  
ctggcggcg

9

<210> 2068  
<211> 9  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2068  
ctggcggcg

9

<210> 2069  
<211> 9  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2069  
caggcggcg

9

<210> 2070  
<211> 9  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2070  
ccgggctgg

9

<210> 2071  
<211> 9  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2071

ccgggctgg

9

<210> 2072

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2072

gacggcgag

9

<210> 2073

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2073

gacggcgag

9

<210> 2074

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2074

ggtgctgat

9

<210> 2075

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2075

ggtgctgat

9

<210> 2076

<211> 9  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2076  
ggtgctgat

9

<210> 2077  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2077  
ggtgagggg

9

<210> 2078  
<211> 9  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2078  
aaggtgggc

9

<210> 2079  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2079  
aaggtgggc

- 9

<210> 2080  
<211> 9  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2080  
ggggctggg

9

<210> 2081  
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<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2081  
gggggctgg

9

<210> 2082  
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<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2082  
ggggaggaa

9

<210> 2083  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2083  
cagttggtc

9

<210> 2084  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target

DNA

<400> 2084  
agagaggct 9

<210> 2085  
<211> 9  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2085  
acgtagtag 9

<210> 2086  
<211> 9  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2086  
agagaggct 9

<210> 2087  
<211> 9  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2087  
cagttggtc 9

<210> 2088  
<211> 9  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2088

ggagctgac

9

<210> 2089

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2089

gcggaggag

9

<210> 2090

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2090

acgtagtag

9

<210> 2091

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2091

acgtagtag

9

<210> 2092

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2092

gtaggggcg

9



<210> 2093  
<211> 9  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2093  
gagagagat

9

<210> 2094  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2094  
gagatggag

9

<210> 2095  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2095  
gagatggag

9

<210> 2096  
<211> 9  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2096  
gagagagat

9

<210> 2097  
<211> 9  
<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2097

ttggtggcg

9

<210> 2098

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2098

gacgtaggg

9

<210> 2099

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2099

gagagagat

9

<210> 2100

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2100

gacgtaggg

9

<210> 2101

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target

DNA

<400> 2101  
gcggaggag

9

<210> 2102  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2102  
cagttggtc

9

<210> 2103  
<211> 9  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2103  
ctggatgac

9

<210> 2104  
<211> 9  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2104  
gtagtagaa

9

<210> 2105  
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<220>  
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DNA

<400> 2105

agggaggag	9
<210> 2106	
<211> 9	
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DNA	
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acgtagtag	9
<210> 2107	
<211> 9	
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DNA	
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gaggaggtg	9
<210> 2108	
<211> 9	
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DNA	
<400> 2108	
ggggaggaa	9
<210> 2109	
<211> 9	
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DNA	
<400> 2109	
gaggaggtg	9

<210> 2110  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2110  
gtggcttgt

9

<210> 2111  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2111  
gcggcggtg

9

<210> 2112  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2112  
ggtgctgat

9

<210> 2113  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2113  
gtgttcgtg

9

<210> 2114  
<211> 9  
<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2114

gtgttcgtg

9

<210> 2115

<211> 9

<212> DNA

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<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2115

gtgttcgtg

9

<210> 2116

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2116

gtaggggca

9

<210> 2117

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2117

gtaggggca

9

<210> 2118

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2118  
ggggctggg

9

<210> 2119  
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<223> Description of Artificial Sequence: example target  
DNA

<400> 2119  
ggggctggg

9

<210> 2120  
<211> 9  
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<220>  
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DNA

<400> 2120  
tcatagtag

9

<210> 2121  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2121  
cagggagag

9

<210> 2122  
<211> 9  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2122  
cagggagag 9

<210> 2123  
<211> 9  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2123  
ggggcagga 9

<210> 2124  
<211> 9  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2124  
ggggcagga 9

<210> 2125  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2125  
ggggcagga 9

<210> 2126  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2126  
caggctgta 9



<210> 2127  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2127  
caggctgta

9

<210> 2128  
<211> 9  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2128  
caggctgta

9

<210> 2129  
<211> 9  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2129  
gaggctgag

9

<210> 2130  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2130  
taggacggg

9

<210> 2131  
<211> 9  
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<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2131

taggacggg

9

<210> 2132

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2132

gctgcaggg

9

<210> 2133

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2133

gctgcaggg

9

<210> 2134

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2134

gctgcaggg

9

<210> 2135

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2135  
gctgcaggg

9

<210> 2136  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2136  
ggggccgcg

9

<210> 2137  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2137  
ggggccgcg

9

<210> 2138  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2138  
gcggaggcc

9

<210> 2139  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2139  
gttgcgggg

9

<210> 2140  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2140  
gttgcgggg

9

<210> 2141  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2141  
gttgcgggg

9

<210> 2142  
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<220>  
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DNA

<400> 2142  
gcggcagtg

9

<210> 2143  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2143  
tggggcggg

9

<210> 2144  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2144  
gagggcgg

9

<210> 2145  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2145  
gagggcgg

9

<210> 2146  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2146  
gcagggggc

9

<210> 2147  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2147  
gcagggcgg

9

<210> 2148  
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<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2148  
ggggcaggc

9

<210> 2149  
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<223> Description of Artificial Sequence: example target  
DNA

<400> 2149  
ggggcaggc

9

<210> 2150  
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<223> Description of Artificial Sequence: example target  
DNA

<400> 2150  
ggattggct

9

<210> 2151  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2151  
ggattggct

9

<210> 2152  
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<212> DNA  
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<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2152  
gtggttgcg

9

<210> 2153  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2153  
gcggcagcg

9

<210> 2154  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2154  
gcggcagcg

9

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<220>  
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DNA

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gggggggcc

9

<210> 2156  
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DNA

<400> 2156  
ggggggggcc

9

<210> 2157  
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DNA

<400> 2157  
ctggaggcg

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<210> 2158  
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<210> 2159  
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9

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DNA

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9



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DNA

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9

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DNA

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ggtgaggcg

9

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DNA

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ggggctggg

9

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DNA

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9

<210> 2165  
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9

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DNA

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9

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DNA

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9

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DNA

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gtagaggac

9

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9

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9

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<220>  
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gggggagcc

9

<210> 2174  
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<220>  
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DNA

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gaggccgaa

9

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DNA

<400> 2175  
gccggggag

9

<210> 2176  
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9

<210> 2177  
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DNA

<400> 2177  
gtgttgga

9

<210> 2178  
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DNA

<400> 2178  
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9

<210> 2179  
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DNA

<400> 2179  
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9

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DNA

<400> 2180  
aaggcagaa

9

<210> 2181  
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<220>  
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cgggcagct

9

<210> 2182  
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<220>  
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DNA

<400> 2182  
ctggcagcc

9

<210> 2183  
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<220>  
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DNA

<400> 2183  
ctggcagcc

9

<210> 2184  
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<220>  
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DNA

<400> 2184  
gcgggagtt

9

<210> 2185  
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<220>  
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DNA

<400> 2185  
caggctgga

9

<210> 2186  
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<220>		
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	DNA	
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	aggggagcc	9
<210>	2188	
<211>	9	
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	DNA	
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	ctggtaggg	9
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<211>	9	
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	DNA	
<400>	2189	
	ctggtaggg	9
<210>	2190	
<211>	9	
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<213>	Artificial Sequence	
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	DNA	

<400> 2190  
ctgggggca

9

<210> 2191  
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<220>  
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DNA

<400> 2191  
caggttgat

9

<210> 2192  
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<220>  
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DNA

<400> 2192  
caggttgat

9

<210> 2193  
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<220>  
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DNA

<400> 2193  
ccggaagcg

9

<210> 2194  
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<220>  
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DNA

<400> 2194  
gcagcgag

9



<210> 2195  
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DNA  
  
<400> 2195  
tagggagtc 9

<210> 2196  
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DNA  
  
<400> 2196  
tgggagggt 9

<210> 2197  
<211> 9  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA  
  
<400> 2197  
agggacgcg 9

<210> 2198  
<211> 9  
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DNA  
  
<400> 2198  
ctggtggcc 9

<210> 2199

<211> 9  
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<220>  
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DNA

<400> 2199  
ctggtggcc

9

<210> 2200  
<211> 9  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2200  
taggaagca

9

<210> 2201  
<211> 9  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2201  
gtggatgga

9

<210> 2202  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2202  
ttggctatg

9

<210> 2203  
<211> 9  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2203  
caggggggtt

9

<210> 2204  
<211> 9  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2204  
aaggtcgcc

9

<210> 2205  
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<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2205  
ggtgcagac

9

<210> 2206  
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<220>  
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DNA

<400> 2206  
gtgggagcc

9

<210> 2207  
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<220>  
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DNA

<400> 2207  
ggggctgga

9

<210> 2208  
<211> 9  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2208  
ggggctgga

9

<210> 2209  
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<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2209  
tgggggtgg

9

<210> 2210  
<211> 9  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2210  
gcggcgggg

9

<210> 2211  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2211  
ccgggagtg

9

<210> 2212  
<211> 9  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2212  
ccgggagtg

9

<210> 2213  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2213  
caggggta

9

<210> 2214  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2214  
acggccgag

9

<210> 2215  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2215  
aagggtgcg

9

<210> 2216

<211> 9  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2216  
atggacttg

9

<210> 2217  
<211> 9  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2217  
ttggaggag

9

<210> 2218  
<211> 9  
<212> DNA  
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DNA

<400> 2218  
ttggaggag

9

<210> 2219  
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DNA

<400> 2219  
gaagaggca

9

<210> 2220  
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DNA

<400> 2220  
gtagtatgg

9

<210> 2221  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2221  
aaggctgga

9

<210> 2222  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2222  
aaggctgga

9

<210> 2223  
<211> 9  
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<223> Description of Artificial Sequence: example target  
DNA

<400> 2223  
ctggcgtag

9

<210> 2224  
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<220>  
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DNA		
<400> 2225		
atggttgaa		9
<210> 2226		
<211> 9		
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DNA		
<400> 2226		
aggggagaa		9
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DNA		
<400> 2227		
aggggagaa		9
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DNA		
<400> 2228		
tgggaaggc		9



<210> 2229  
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DNA

<400> 2229  
gaggccggc

9

<210> 2230  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2230  
gtgttgga

9

<210> 2231  
<211> 9  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2231  
gtgtgagcc

9

<210> 2232  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2232  
gtgtgagcc

9

<210> 2233

<211> 9  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2233  
gcgaaggtg

9

<210> 2234  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2234  
gcgaaggtg

9

<210> 2235  
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<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2235  
gcgaaggtg

9

<210> 2236  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2236  
aaggcgctg

9

<210> 2237  
<211> 9  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2237  
gtagaggac

9

<210> 2238  
<211> 9  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2238  
gccttggt

9

<210> 2239  
<211> 9  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2239  
gcggagtcg

9

<210> 2240  
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<220>  
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DNA

<400> 2240  
gccggggag

9

<210> 2241  
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<220>  
<223> Description of Artificial Sequence: example target

DNA

<400> 2241  
gctgaaggg

9

<210> 2242  
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<220>  
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DNA

<400> 2242  
gctgaaggg

9

<210> 2243  
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DNA

<400> 2243  
aaggtcgcc

9

<210> 2244  
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DNA

<400> 2244  
gtgggagcc

9

<210> 2245  
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<220>  
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DNA

<400> 2245

ccgggcgca

9

<210> 2246

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2246

gaggatggc

9

<210> 2247

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2247

gcagcgag

9

<210> 2248

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2248

aaggaaaga

9

<210> 2249

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2249

ttggctatg

9

<210> 2250  
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 caggaaggc 9  
  
 <210> 2251  
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         DNA  
  
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 caggaaggc 9  
  
 <210> 2252  
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         DNA  
  
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 aaggaaaga 9  
  
 <210> 2253  
 <211> 9  
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 <220>  
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         DNA  
  
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 aaggaaaga 9  
  
 <210> 2254  
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<220>		
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<210>	2255	
<211>	9	
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<213>	Artificial Sequence	
<220>		
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<400>	2255 ctggtgggc	9
<210>	2256	
<211>	9	
<212>	DNA	
<213>	Artificial Sequence	
<220>		
<223>	Description of Artificial Sequence: example target DNA	
<400>	2256 gtagtatgg	9
<210>	2257	
<211>	9	
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<213>	Artificial Sequence	
<220>		
<223>	Description of Artificial Sequence: example target DNA	
<400>	2257 atggttgaa	9
<210>	2258	
<211>	9	
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<213>	Artificial Sequence	
<220>		
<223>	Description of Artificial Sequence: example target	

DNA

<400> 2258  
atggcagtg

9

<210> 2259  
<211> 9  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2259  
atggcagtg

9

<210> 2260  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2260  
atggcagtg

9

<210> 2261  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2261  
atggcagtg

9

<210> 2262  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2262



gagaaggtg

9

<210> 2263

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2263

gagaaggtg

9

<210> 2264

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2264

gaaggtgcc

9

<210> 2265

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2265

atggagaag

9

<210> 2266

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2266

atggagaag

9

<210> 2267  
<211> 9  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2267  
atggagaag

9

<210> 2268  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2268  
ctggagtac

9

<210> 2269  
<211> 9  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2269  
ggagtactg

9

<210> 2270  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2270  
ggagtactg

9

<210> 2271  
<211> 9  
<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2271

cgggcagct

9

<210> 2272

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2272

gcgggagtt

9

<210> 2273

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2273

caggctgga

9

<210> 2274

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2274

ccggaagcg

9

<210> 2275

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2275  
gcagcgcag

9

<210> 2276  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2276  
caggggggtt

9

<210> 2277  
<211> 9  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2277  
gaagaagag

9

<210> 2278  
<211> 9  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2278  
atgggagtt

9

<210> 2279  
<211> 9  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2279

gtgggggct

9

<210> 2280

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2280

gaagaggca

9

<210> 2281

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2281

gcggtgagg

9

<210> 2282

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2282

aaggaaagg

9

<210> 2283

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2283

aaggaaagg

9

<210> 2284  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2284  
aaggaaagg

9

<210> 2285  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2285  
caggagggc

9

<210> 2286  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2286  
atggacttg

9

<210> 2287  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2287  
atggacttg

9

<210> 2288  
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<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2288

gaatagggg

9

<210> 2289

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2289

acggccgag

9

<210> 2290

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2290

aaggggtgcg

9

<210> 2291

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2291

aagggagac

9

<210> 2292

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2292  
aagggagac

9

<210> 2293  
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<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2293  
tgggacctg

9

<210> 2294  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2294  
tgggacctg

9

<210> 2295  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2295  
gagtaggca

9

<210> 2296  
<211> 9  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA



<400> 2296  
gagtaggca

9

<210> 2297  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2297  
gaaggagag

9

<210> 2298  
<211> 9  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2298  
ctggatggt

9

<210> 2299  
<211> 9  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2299  
caggacgtg

9

<210> 2300  
<211> 9  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2300  
ggggaggca

9

<210> 2301  
<211> 9  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2301  
gaggtgtca

9

<210> 2302  
<211> 9  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2302  
ggggttgaa

9

<210> 2303  
<211> 9  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2303  
gggggtgaa

9

<210> 2304  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2304  
gtcgcggtg

9

<210> 2305  
<211> 9  
<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2305

gtcgcggtg

9

<210> 2306

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2306

gtggttgcg

9

<210> 2307

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2307

gtggttgcg

9

<210> 2308

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2308

gtctaggta

9

<210> 2309

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2309  
ccgggagcg

9

<210> 2310  
<211> 9  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2310  
gaaggagag

9

<210> 2311  
<211> 9  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2311  
ccggctgga

9

<210> 2312  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2312  
ccgggagcg

9

<210> 2313  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2313  
acgtagtag

9

<210> 2314  
<211> 9  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2314  
ggggaggat

9

<210> 2315  
<211> 9  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2315  
ggggaggat

9

<210> 2316  
<211> 9  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2316  
ggggaggat

9

<210> 2317  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2317  
gagtgtgtg

9

<210> 2318  
<211> 9  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2318  
gagtgtgtg

9

<210> 2319  
<211> 9  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2319  
tgcggggca

9

<210> 2320  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2320  
tgcggggca

9

<210> 2321  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2321  
tgcggggca

9

<210> 2322  
<211> 9

<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2322  
aagttggtt

9

<210> 2323  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2323  
aagttggtt

9

<210> 2324  
<211> 9  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2324  
cagggtggc

9

<210> 2325  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2325  
taggcagtc

9

<210> 2326  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2326  
ctgttggt

9

<210> 2327  
<211> 9  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2327  
ctgttggt

9

<210> 2328  
<211> 9  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2328  
ttggatgga

9

<210> 2329  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2329  
gtggcactg

9

<210> 2330  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA



<400> 2330  
caggagtcc

9

<210> 2331  
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<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2331  
caggagtcc

9

<210> 2332  
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<220>  
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DNA

<400> 2332  
gcatgggaa

9

<210> 2333  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2333  
gcatgggaa

9

<210> 2334  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2334  
taggaagag

9

<210> 2335  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2335  
gaagagggg

9

<210> 2336  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2336  
gagtaggca

9

<210> 2337  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2337  
gaggtgtca

9

<210> 2338  
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<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2338  
tcggtcgcc

9

<210> 2339  
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<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2339  
gtggtagga

9

<210> 2340  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2340  
caggggtggc

9

<210> 2341  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2341  
taggcagtc

9

<210> 2342  
<211> 9  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2342  
gtggtgata

9

<210> 2343  
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<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2343  
gtggtgata

9

<210> 2344  
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<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2344  
ttggatgga

9

<210> 2345  
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<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2345  
aaggtaggt

9

<210> 2346  
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<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2346  
aaggtaggt

9

<210> 2347  
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<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2347  
caggagtcc

9

<210> 2348  
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<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2348  
caggagtcc

9

<210> 2349  
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<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2349  
taggaagag

9

<210> 2350  
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<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2350  
caggacgtg

9

<210> 2351  
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<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2351  
gtctagga

9

<210> 2352  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2352  
ccggctgga

9

<210> 2353  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2353  
taggagttt

9

<210> 2354  
<211> 9  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2354  
ctggccttg

9

<210> 2355  
<211> 9  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2355  
tgggcagcc

9

<210> 2356  
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<212> DNA  
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<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2356  
taggagttt

9

<210> 2357  
<211> 9  
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<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2357  
taggagttt

9

<210> 2358  
<211> 9  
<212> DNA  
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<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2358  
tgggcagcc

9

<210> 2359  
<211> 9  
<212> DNA  
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<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2359  
ggggcggtga

9

<210> 2360  
<211> 9  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2360  
ggggcgtga

9

<210> 2361  
<211> 9  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2361  
gtacagtag

9

<210> 2362  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2362  
gtacagtag

9

<210> 2363  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2363  
atggtgtgt

9

<210> 2364  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA



<400> 2364  
atggtgtgt

9

<210> 2365  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2365  
ttgggagag

9

<210> 2366  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2366  
ttgggagag

9

<210> 2367  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2367  
gtgggaata

9

<210> 2368  
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<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2368  
gtgggaata

9

<210> 2369  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2369  
gtgggaata

9

<210> 2370  
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<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2370  
ttggttggt

9

<210> 2371  
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<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2371  
ttggttggt

9

<210> 2372  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2372  
ttggttggt

9

<210> 2373

<211> 9  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2373  
ttggttggt

9

<210> 2374  
<211> 9  
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<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2374  
ctggcctgg

9

<210> 2375  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2375  
gaggtgtga

9

<210> 2376  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2376  
ctggcctgg

9

<210> 2377  
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<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2377  
ccggcgctg

9

<210> 2378  
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<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2378  
gacgctggc

9

<210> 2379  
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<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2379  
cgggctgga

9

<210> 2380  
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<220>  
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DNA

<400> 2380  
cgggctgga

9

<210> 2381  
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<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2381  
gggatggcg

9

<210> 2382  
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<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2382  
gggatggcg

9

<210> 2383  
<211> 9  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2383  
gggatggcg

9

<210> 2384  
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<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2384  
gggatggcg

9

<210> 2385  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2385  
caggcgcag

9

<210> 2386  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2386  
caggcgcag

9

<210> 2387  
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<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2387  
ccgggcgac

9

<210> 2388  
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<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2388  
gatgtgtga

9

<210> 2389  
<211> 9  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2389  
cagtgaatg

9

<210> 2390

<211> 9  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2390  
gggtcactg

9

<210> 2391  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2391  
cagtgaatg

9

<210> 2392  
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<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2392  
gggtcactg

9

<210> 2393  
<211> 9  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2393  
gtgtgggtc

9

<210> 2394  
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<220>  
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     DNA  
  
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 ctggcgaga 9  
  
  
 <210> 2395  
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 <213> Artificial Sequence  
  
 <220>  
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     DNA  
  
 <400> 2395  
 ctggcgaga 9  
  
  
 <210> 2396  
 <211> 9  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
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     DNA  
  
 <400> 2396  
 gctttggca 9  
  
  
 <210> 2397  
 <211> 9  
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 <220>  
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     DNA  
  
 <400> 2397  
 gctttggca 9  
  
  
 <210> 2398  
 <211> 9  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: example target



DNA

<400> 2398  
gacttggtgta

9

<210> 2399  
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<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2399  
gacttggtgta

9

<210> 2400  
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<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2400  
cagttgtga

9

<210> 2401  
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<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2401  
aaggaaaaa

9

<210> 2402  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2402  
aaggaaaaa

9

<210> 2403  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2403  
aaggaaaaa

9

<210> 2404  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2404  
atgggtgaa

9

<210> 2405  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2405  
atgggtgaa

9

<210> 2406  
<211> 9  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2406  
atgggtgaa

9

<210> 2407

<211> 9  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2407  
atgggtgaa

9

<210> 2408  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2408  
ctgggagat

9

<210> 2409  
<211> 9  
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<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2409  
ctgggagat

9

<210> 2410  
<211> 9  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2410  
gtggtgggc

9

<210> 2411  
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<220>  
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       DNA

<400> 2411  
 ccggcgggtg 9

<210> 2412  
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<220>  
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       DNA

<400> 2412  
 ccggcgggtg 9

<210> 2413  
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<220>  
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       DNA

<400> 2413  
 ccggcgggtg 9

<210> 2414  
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<220>  
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       DNA

<400> 2414  
 ccggcgggtg 9

<210> 2415  
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<220>  
 <223> Description of Artificial Sequence: example target

DNA

<400> 2415  
ccggcggtg

9

<210> 2416  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2416  
ccggcggtg

9

<210> 2417  
<211> 9  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2417  
gccgacggt

9

<210> 2418  
<211> 9  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2418  
gccgacggt

9

<210> 2419  
<211> 9  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2419

gccgacggt

9

<210> 2420

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2420

gccgacggt

9

<210> 2421

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2421

ggtgtgggc

9

<210> 2422

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2422

tgggcaaga

9

<210> 2423

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2423

tgggcaaga

9

<210> 2424  
<211> 9  
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<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2424  
ctggcctgg

9

<210> 2425  
<211> 9  
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<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2425  
tgggaagct

9

<210> 2426  
<211> 9  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2426  
tgggaagct

9

<210> 2427  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2427  
gaagagggga

9

<210> 2428  
<211> 9  
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<220>  
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     DNA

<400> 2428  
 gaagaggga 9

<210> 2429  
 <211> 9  
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<220>  
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     DNA

<400> 2429  
 gaagaggga 9

<210> 2430  
 <211> 9  
 <212> DNA  
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<220>  
 <223> Description of Artificial Sequence: example target  
     DNA

<400> 2430  
 taatggggg 9

<210> 2431  
 <211> 9  
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<220>  
 <223> Description of Artificial Sequence: example target  
     DNA

<400> 2431  
 tgggagtgt 9

<210> 2432  
 <211> 9  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: example target



DNA

<400> 2432  
ccgggtgag

9

<210> 2433  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2433  
gagttggcc

9

<210> 2434  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2434  
ctggagttg

9

<210> 2435  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2435  
atggcaatg

9

<210> 2436  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2436

gaggcaggg

9

<210> 2437

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2437

gaggcaggg

9

<210> 2438

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2438

gaagcggag

9

<210> 2439

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2439

gcgggcgca

9

<210> 2440

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2440

ccggcaggg

9

<210> 2441  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2441  
ccggcaggg

9

<210> 2442  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2442  
ccggcggcg

9

<210> 2443  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2443  
tgaggcgag

9

<210> 2444  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2444  
ctggccgtg

9

<210> 2445  
<211> 9  
<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2445

ctggccgcg

9

<210> 2446

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2446

ctggccgcg

9

<210> 2447

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2447

gcggccgag

9

<210> 2448

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2448

gcggccgag

9

<210> 2449

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2449  
gagttggcc

9

<210> 2450  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2450  
ctggagttg

9

<210> 2451  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2451  
gggtcggcg

9

<210> 2452  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2452  
gggtcggcg

9

<210> 2453  
<211> 9  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2453

cagggcccg

9

<210> 2454

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2454

cagggcccg

9

<210> 2455

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2455

tgaggcgag

9

<210> 2456

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2456

tgaggcgag

9

<210> 2457

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2457

tcggccgcc

9

<210> 2458  
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<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2458  
tcggccgcc

9

<210> 2459  
<211> 9  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2459  
tcggccgcc

9

<210> 2460  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2460  
ctggccgtg

9

<210> 2461  
<211> 9  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2461  
taatggggg

9

<210> 2462  
<211> 9  
<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2462  
tgggagtgt

9

<210> 2463

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2463  
ggagtgtta

9

<210> 2464

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2464  
ggagtgtta

9

<210> 2465

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2465  
atagctggg

9

<210> 2466

<211> 9

<212> DNA

<213> Artificial Sequence

<220>



<223> Description of Artificial Sequence: example target  
DNA

<400> 2466  
tgctgggcc

9

<210> 2467  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2467  
tggaaggaa

9

<210> 2468  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2468  
tggaaggaa

9

<210> 2469  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2469  
tggaaggaa

9

<210> 2470  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2470  
tggaaggaa

9

<210> 2471  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2471  
ggagaggct

9

<210> 2472  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2472  
cgggatgaa

9

<210> 2473  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2473  
ggagaggct

9

<210> 2474  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2474  
gcagaggaa

9

<210> 2475  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2475  
ttgggggag

9

<210> 2476  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2476  
gacgaggag

9

<210> 2477  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2477  
cgggatgaa

9

<210> 2478  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2478  
gaggctggt

9

<210> 2479  
<211> 9  
<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2479

gacgaggag

9

<210> 2480

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2480

ctgggagtt

9

<210> 2481

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2481

ctgggagtt

9

<210> 2482

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2482

ggtgatgtc

9

<210> 2483

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target  
DNA

<400> 2483  
ggtgatgtc

9

<210> 2484  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2484  
ggtgatgtc

9

<210> 2485  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2485  
ctggttggg

9

<210> 2486  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2486  
ttgaaggtt

9

<210> 2487  
<211> 9  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2487  
ttgaagggtt

9

<210> 2488  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2488  
ttgaagggtt

9

<210> 2489  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2489  
ttgaagggtt

9

<210> 2490  
<211> 9  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2490  
ttgaagggtt

9

<210> 2491  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2491  
gcagcccgg

9

<210> 2492  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2492  
gaaagttca

9

<210> 2493  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2493  
gaaagttca

9

<210> 2494  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2494  
gaaagttca

9

<210> 2495  
<211> 9  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example target  
DNA

<400> 2495  
ccgtgtgac

9

<210> 2496  
<211> 9

<212> DNA  
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 <220>  
 <223> Description of Artificial Sequence: example target  
       DNA  
  
 <400> 2496  
 ccgtgtgac 9

<210> 2497  
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 <220>  
 <223> Description of Artificial Sequence: example target  
       DNA  
  
 <400> 2497  
 gaagtggta 9

<210> 2498  
 <211> 9  
 <212> DNA  
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 <220>  
 <223> Description of Artificial Sequence: example target  
       DNA  
  
 <400> 2498  
 aagtgagct 9

<210> 2499  
 <211> 9  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: example target  
       DNA  
  
 <400> 2499  
 gggtttgac 9

<210> 2500  
 <211> 9  
 <212> DNA  
 <213> Artificial Sequence



<220>  
 <223> Description of Artificial Sequence: example target  
 DNA

<400> 2500  
 ttgaagggtt

<210> 2501  
 <211> 9  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: example target  
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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP



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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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Arg Ser Asp His Leu Ala Arg  
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<210> 2546  
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<223> Description of Artificial Sequence: example ZFP

<400> 2546  
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<210> 2547  
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<210> 2548  
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Arg Ser Asp Ser Leu Thr Arg  
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<210> 2549  
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<210> 2552  
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<210> 2554  
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1 5

<210> 2555  
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Asp Arg Ser Ser Leu Thr Arg  
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<210> 2556  
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<223> Description of Artificial Sequence: example ZFP

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Glu Arg Gly Asp Leu Thr Arg

1 5

<210> 2561

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<223> Description of Artificial Sequence: example ZFP

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Asp Arg Ser Ala Leu Thr Arg

1 5

<210> 2562

<211> 7

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<223> Description of Artificial Sequence: example ZFP

<400> 2562

Asp Arg Ser Ala Leu Thr Arg

1 5

<210> 2563

<211> 7

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<400> 2563

Gln Ser Ser Asp Leu Thr Arg

1 5

<210> 2564

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<223> Description of Artificial Sequence: example ZFP

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Gln Ser Ser Asp Leu Thr Arg

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<210> 2565

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<223> Description of Artificial Sequence: example ZFP

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Arg Ser Asp Ser Leu Thr Arg

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<210> 2566

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<223> Description of Artificial Sequence: example ZFP

<400> 2566

Arg Ser Asp Ser Leu Thr Arg

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<210> 2567

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<223> Description of Artificial Sequence: example ZFP

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Arg Ser Ser Asp Leu Thr Arg

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<210> 2568

<211> 7

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<223> Description of Artificial Sequence: example ZFP

<400> 2568

Arg Ser Asp Asp Leu Thr Arg



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<210> 2569

<211> 7

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<223> Description of Artificial Sequence: example ZFP

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Arg Ser Asp Asp Leu Thr Arg

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<210> 2570

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<212> PRT

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<223> Description of Artificial Sequence: example ZFP

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Arg Ser Asp His Leu Thr Thr

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<210> 2571

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<223> Description of Artificial Sequence: example ZFP

<400> 2571

Arg Ser Asp His Leu Thr Lys

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<210> 2572

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Arg Ser Asp Asn Leu Ala Arg

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<210> 2577  
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<210> 2578  
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<223> Description of Artificial Sequence: example ZFP

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<210> 2579  
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<210> 2583  
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<400> 2583  
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<210> 2584  
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<400> 2584  
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<400> 2585  
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<210> 2586  
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<400> 2586  
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<210> 2587  
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<400> 2587  
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<210> 2597  
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<210> 2598  
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<400> 2598

Arg Ser Asp His Leu Thr Arg  
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<210> 2599

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<223> Description of Artificial Sequence: example ZFP

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Gln Ser Ser Asn Leu Gln Arg  
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<210> 2600

<211> 7

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<223> Description of Artificial Sequence: example ZFP

<400> 2600

Arg Ser Asp His Leu Thr Arg  
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<210> 2601

<211> 7

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<223> Description of Artificial Sequence: example ZFP

<400> 2601

Arg Ser Asp Asn Leu Val Arg  
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<210> 2602

<211> 7

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<220>

<223> Description of Artificial Sequence: example ZFP

<400> 2602

Asp Arg Ser Ala Leu Ala Arg  
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<210> 2603  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 2603  
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<210> 2604  
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Gln Ser Ala Asn Leu Ala Arg  
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<210> 2605  
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<223> Description of Artificial Sequence: example ZFP

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<210> 2606  
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<210> 2607  
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<223> Description of Artificial Sequence: example ZFP

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Arg Ser Asp Ala Leu Ala Arg

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<210> 2608

<211> 7

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<223> Description of Artificial Sequence: example ZFP

<400> 2608

Gln Ser Ala Asn Leu Ala Arg

1 5

<210> 2609

<211> 7

<212> PRT

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<223> Description of Artificial Sequence: example ZFP

<400> 2609

Gln Ser Ser Ala Leu Thr Arg

1 5

<210> 2610

<211> 7

<212> PRT

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<223> Description of Artificial Sequence: example ZFP

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Met Ser His His Leu Lys Glu

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<210> 2611

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<212> PRT

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<223> Description of Artificial Sequence: example ZFP

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<210> 2612  
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<210> 2616  
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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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<210> 2625  
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<210> 2626  
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<210> 2628  
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<210> 2633  
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<210> 2634  
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<210> 2635  
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<210> 2636  
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<210> 2637  
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<210> 2638  
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<210> 2639  
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<210> 2641  
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<223> Description of Artificial Sequence: example ZFP

<400> 2641

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1 5

<210> 2642

<211> 7

<212> PRT

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<223> Description of Artificial Sequence: example ZFP

<400> 2642

Arg Ser Asp Ala Leu Thr Arg  
1 5

<210> 2643

<211> 7

<212> PRT

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<223> Description of Artificial Sequence: example ZFP

<400> 2643

Arg Ser Asp His Leu Ala Arg  
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<210> 2644

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<223> Description of Artificial Sequence: example ZFP

<400> 2644

Gln Ser Ser His Leu Thr Arg  
1 5

<210> 2645

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<223> Description of Artificial Sequence: example ZFP

<400> 2645

Thr Ser Gly His Leu Val Arg

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<210> 2646

<211> 7

<212> PRT

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<220>

<223> Description of Artificial Sequence: example ZFP

<400> 2646

Asp Arg Ser His Leu Thr Arg

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<210> 2647

<211> 7

<212> PRT

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<223> Description of Artificial Sequence: example ZFP

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Asp Arg Ser His Leu Thr Arg

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<210> 2648

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<223> Description of Artificial Sequence: example ZFP

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Asp Arg Ser His Leu Thr Arg

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<210> 2649

<211> 7

<212> PRT

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<223> Description of Artificial Sequence: example ZFP

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Asp Arg Ser His Leu Thr Arg

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1 5

<210> 2651  
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<223> Description of Artificial Sequence: example ZFP

<400> 2652  
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<210> 2653  
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<400> 2653  
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<223> Description of Artificial Sequence: example ZFP

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<400> 2655  
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<223> Description of Artificial Sequence: example ZFP

<400> 2656  
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<210> 2657  
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<223> Description of Artificial Sequence: example ZFP

<400> 2657  
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1 5

<210> 2658  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 2658  
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1 5

<210> 2659  
<211> 7  
<212> PRT  
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<223> Description of Artificial Sequence: example ZFP

<400> 2659  
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1 5

<210> 2660  
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<223> Description of Artificial Sequence: example ZFP

<400> 2660  
Gln Ser Gly Asp Leu Thr Arg  
1 5

<210> 2661  
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<400> 2661  
Arg Ser Asp Glu Leu Thr Arg  
1 5

<210> 2662  
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<400> 2662  
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<210> 2663  
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<223> Description of Artificial Sequence: example ZFP

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<210> 2664  
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<210> 2665  
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<400> 2665  
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1 5

<210> 2666  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 2666  
Gln Ser Ser Asp Leu Arg Arg  
1 5

<210> 2667  
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<223> Description of Artificial Sequence: example ZFP

<400> 2667

Arg Ser Asp Ala Leu Arg Glu  
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<210> 2668

<211> 7

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<223> Description of Artificial Sequence: example ZFP

<400> 2668

Asp Arg Ser Asn Leu Thr Arg  
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<210> 2669

<211> 7

<212> PRT

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<223> Description of Artificial Sequence: example ZFP

<400> 2669

Gln Ser Ser Asp Leu Arg Arg  
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<210> 2670

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<223> Description of Artificial Sequence: example ZFP

<400> 2670

Arg Ser Ala Asp Leu Arg Thr  
1 5

<210> 2671

<211> 7

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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 2671  
Thr Ser Gly His Leu Val Arg  
1 5

<210> 2672  
<211> 7  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 2672  
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1 5

<210> 2673  
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<223> Description of Artificial Sequence: example ZFP

<400> 2673  
Asp Arg Ser Ser Leu Thr Arg  
1 5

<210> 2674  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 2674  
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1 5

<210> 2675  
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<400> 2675

Arg Ser Asp Asn Leu Thr Arg  
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<210> 2676

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<223> Description of Artificial Sequence: example ZFP

<400> 2676

Thr Ser Gly His Leu Val Arg  
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<210> 2677

<211> 7

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<223> Description of Artificial Sequence: example ZFP

<400> 2677

Gln Ser Gly Ala Leu Thr Arg  
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<210> 2678

<211> 7

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<223> Description of Artificial Sequence: example ZFP

<400> 2678

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<210> 2679

<211> 7

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<223> Description of Artificial Sequence: example ZFP

<400> 2679

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1 5

<210> 2680  
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<223> Description of Artificial Sequence: example ZFP

<400> 2680  
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<210> 2681  
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<223> Description of Artificial Sequence: example ZFP

<400> 2681  
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<210> 2682  
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<400> 2682  
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<210> 2683  
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<400> 2683  
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1 5

<210> 2684  
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<223> Description of Artificial Sequence: example ZFP

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Gln Ser Ser Ala Leu Ala Arg

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<210> 2685

<211> 7

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<220>

<223> Description of Artificial Sequence: example ZFP

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Gln Ser Gly His Leu Ala Arg

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<210> 2686

<211> 7

<212> PRT

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<220>

<223> Description of Artificial Sequence: example ZFP

<400> 2686

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<210> 2687

<211> 7

<212> PRT

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<220>

<223> Description of Artificial Sequence: example ZFP

<400> 2687

Asp Arg Ser Ser Leu Thr Arg

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<210> 2688

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<223> Description of Artificial Sequence: example ZFP

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<210> 2689  
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<400> 2690  
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<210> 2691  
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<400> 2691  
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<210> 2692  
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<400> 2692  
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1

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<210> 2693

<211> 7

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<220>

<223> Description of Artificial Sequence: example ZFP

<400> 2693

Arg Ser Asp Glu Leu Thr Arg

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<210> 2694

<211> 7

<212> PRT

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<220>

<223> Description of Artificial Sequence: example ZFP

<400> 2694

Arg Ser Ser Asn Leu Arg Glu

1

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<210> 2695

<211> 7

<212> PRT

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<223> Description of Artificial Sequence: example ZFP

<400> 2695

Asp Arg Ser Ala Leu Thr Arg

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<210> 2696

<211> 7

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<223> Description of Artificial Sequence: example ZFP

<400> 2696

Thr Ser Gly His Leu Val Arg

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<210> 2697

<211> 7  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 2697  
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1 5

<210> 2698  
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<223> Description of Artificial Sequence: example ZFP

<400> 2698  
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<210> 2699  
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<223> Description of Artificial Sequence: example ZFP

<400> 2699  
Asp Arg Ser Ser Leu Thr Arg  
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<210> 2700  
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<210> 2701  
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<223> Description of Artificial Sequence: example ZFP

<400> 2701  
Gln Ser Gly His Leu Ala Arg  
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<210> 2702  
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<223> Description of Artificial Sequence: example ZFP

<400> 2702  
Arg Ser Asp Ala Leu Thr Ser  
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<210> 2703  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 2703  
Gln Ser Ser Ala Leu Ala Arg  
1 5

<210> 2704  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 2704  
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1 5

<210> 2705  
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<220>  
<223> Description of Artificial Sequence: example ZFP



<400> 2705  
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1 5

<210> 2706  
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<223> Description of Artificial Sequence: example ZFP  
<400> 2706  
Glu Arg Gly Asp Leu Thr Arg  
1 5

<210> 2707  
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<220>  
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<400> 2707  
Gln Ser Gly His Leu Ala Arg  
1 5

<210> 2708  
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<220>  
<223> Description of Artificial Sequence: example ZFP  
<400> 2708  
Gln Arg Ala His Leu Glu Arg  
1 5

<210> 2709  
<211> 7  
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<220>  
<223> Description of Artificial Sequence: example ZFP  
<400> 2709  
Arg Ser Asp His Leu Thr Thr  
1 5

<210> 2710  
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<212> PRT  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 2710  
Arg Ser Asp His Leu Ala Arg  
1 5

<210> 2711  
<211> 7  
<212> PRT  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 2711  
Arg Ser Asp Ala Leu Thr Arg  
1 5

<210> 2712  
<211> 7  
<212> PRT  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 2712  
Arg Ser Ser Ala Leu Thr Arg  
1 5

<210> 2713  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 2713  
Gln Ser Gly Ala Leu Thr Arg  
1 5

<210> 2714  
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 <223> Description of Artificial Sequence: example ZFP  
  
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   1                  5  
  
 <210> 2716  
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 <400> 2716  
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   1                  5  
  
 <210> 2717  
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 <400> 2717  
 Arg Ser Asp Asn Leu Thr Arg  
   1                  5  
  
 <210> 2718  
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<223> Description of Artificial Sequence: example ZFP

<400> 2718

Arg Ser Asp Asn Leu Thr Arg  
1 5

<210> 2719

<211> 7

<212> PRT

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<223> Description of Artificial Sequence: example ZFP

<400> 2719

Gln Ser Gly Ser Leu Thr Arg  
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<210> 2720

<211> 7

<212> PRT

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<223> Description of Artificial Sequence: example ZFP

<400> 2720

Arg Ser Asp His Leu Thr Thr  
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<210> 2721

<211> 7

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<223> Description of Artificial Sequence: example ZFP

<400> 2721

Gln Ser Gly His Leu Ala Arg  
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<210> 2722

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<223> Description of Artificial Sequence: example ZFP

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<210> 2723  
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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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<210> 2729  
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<210> 2731  
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<223> Description of Artificial Sequence: example ZFP

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Glu Arg Gly Asp Leu Thr Arg  
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<210> 2732

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<223> Description of Artificial Sequence: example ZFP

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Glu Arg Gly Asp Leu Thr Arg  
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<210> 2733

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<223> Description of Artificial Sequence: example ZFP

<400> 2733

Arg Ser Asp Ala Leu Thr Arg  
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<210> 2734

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<223> Description of Artificial Sequence: example ZFP

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Arg Ser Asp Ala Leu Thr Arg  
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<210> 2735

<211> 7

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<223> Description of Artificial Sequence: example ZFP

<400> 2735  
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<210> 2736  
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<223> Description of Artificial Sequence: example ZFP

<400> 2736  
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<210> 2737  
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<223> Description of Artificial Sequence: example ZFP

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<210> 2738  
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<223> Description of Artificial Sequence: example ZFP

<400> 2738  
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1 5

<210> 2739  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 2739  
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<210> 2740  
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<223> Description of Artificial Sequence: example ZFP

<400> 2740  
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1 5

<210> 2741  
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<223> Description of Artificial Sequence: example ZFP

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<210> 2742  
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<220>  
<223> Description of Artificial Sequence: example ZFP

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<210> 2743  
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<220>  
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<400> 2743  
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1 5

<210> 2744

<211> 7  
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Asp Arg Ser Asp Leu Thr Arg  
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<210> 2745  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 2745  
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1 5

<210> 2746  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 2746  
Asp-Arg Ser His Leu Ala Arg  
1 5

<210> 2747  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 2747  
Arg Ser Ser Asn Leu Arg Glu  
1 5

<210> 2748  
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<220>  
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Gln Ser Gly His Leu Asn Gln  
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<210> 2749  
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<220>  
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Arg Ser Asp Ala Leu Arg Gln  
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<210> 2750  
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<220>  
<223> Description of Artificial Sequence: example ZFP  
  
<400> 2750  
Asp Arg Ser His Leu Ala Arg  
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<210> 2751  
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<220>  
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<400> 2751  
Asp Arg Ser His Leu Ala Arg  
1 5

<210> 2752  
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<220>  
<223> Description of Artificial Sequence: example ZFP  
  
<400> 2752

Lys Asn Trp Lys Leu Gln Ala  
1 5

<210> 2753

<211> 7

<212> PRT

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<223> Description of Artificial Sequence: example ZFP

<400> 2753

Lys Asn Trp Lys Leu Gln Ala  
1 5

<210> 2754

<211> 7

<212> PRT

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<220>

<223> Description of Artificial Sequence: example ZFP

<400> 2754

Arg Ser Asp Ser Leu Leu Arg  
1 5

<210> 2755

<211> 7

<212> PRT

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<223> Description of Artificial Sequence: example ZFP

<400> 2755

Asp Arg Ser His Leu Ala Arg  
1 5

<210> 2756

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 2756

Arg Ser Asp His Leu Thr Thr  
1 5

<210> 2757  
<211> 7  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 2757  
Gln Ser Ala Asn Leu Ala Arg  
1 5

<210> 2758  
<211> 7  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 2758  
Arg Ser Asp Ala Leu Thr Arg  
1 5

<210> 2759  
<211> 7  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 2759  
Arg Ser Asp Ala Leu Thr Arg  
1 5

<210> 2760  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 2760  
Arg Ser Asp Ala Leu Thr Arg  
1 5

<210> 2761  
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<223> Description of Artificial Sequence: example ZFP

<400> 2761

Arg Ser Asp Ala Leu Thr Arg  
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<210> 2762

<211> 7

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<223> Description of Artificial Sequence: example ZFP

<400> 2762

Arg Ser Asp Ala Leu Thr Arg  
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<210> 2763

<211> 7

<212> PRT

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<223> Description of Artificial Sequence: example ZFP

<400> 2763

Arg Ser Asp Ala Leu Thr Arg  
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<210> 2764

<211> 7

<212> PRT

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<223> Description of Artificial Sequence: example ZFP

<400> 2764

Glu Arg Gly Asp Leu Thr Arg  
1 5

<210> 2765

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 2765  
Arg Ser Asp Asn Arg Thr Ala  
1 5

<210> 2766  
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<212> PRT  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 2766  
Arg Ser Asp Asn Arg Thr Ala  
1 5

<210> 2767  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 2767  
Arg Ser Asp Asn Arg Thr Ala  
1 5

<210> 2768  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 2768  
Asp Arg Ser Asn Leu Arg Thr  
1 5

<210> 2769  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 2769  
Arg Ser Asp Ala Leu Arg Glu  
1 5

<210> 2770  
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 <400> 2772  
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 <400> 2773  
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<211> 7  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 2774  
Arg Ser Asp Glu Leu Thr Arg  
1 5

<210> 2775  
<211> 7  
<212> PRT  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 2775  
Arg Ser Asp Asn Leu Arg Glu  
1 5

<210> 2776  
<211> 7  
<212> PRT  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 2776  
Thr Thr Ser Ala Leu Thr Arg  
1 5

<210> 2777  
<211> 7  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 2777  
Arg Ser Asp Asn Leu Thr Arg  
1 5

<210> 2778  
<211> 7  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 2778  
Thr Thr Ser Ala Leu Thr Arg  
1 5

<210> 2779  
<211> 7  
<212> PRT  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 2779  
Gln Ser Ser Asp Leu Arg Arg  
1 5

<210> 2780  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 2780  
Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 2781  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 2781  
Arg Ser Asp His Leu Thr Gln  
1 5

<210> 2782  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 2782  
Arg Ser Asp His Leu Thr Gln  
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<210> 2783  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 2783  
Arg Ser Asp His Leu Thr Gln  
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<210> 2784  
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<223> Description of Artificial Sequence: example ZFP

<400> 2784  
Arg Ser Asp His Leu Thr Gln  
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<210> 2785  
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<223> Description of Artificial Sequence: example ZFP

<400> 2785  
Asp Arg Ser His Leu Ala Arg  
1 5

<210> 2786  
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<223> Description of Artificial Sequence: example ZFP

<400> 2786  
Arg Ser Asp Ala Leu Thr Lys  
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<210> 2787  
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<223> Description of Artificial Sequence: example ZFP

<400> 2787  
Arg Ala Asp Ala Leu Met Val  
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<210> 2788  
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<400> 2788  
Arg Ser Asp His Leu Ser Arg  
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<210> 2789  
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<210> 2790  
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<210> 2791  
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Asp Arg Ser Asn Leu Thr Arg

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<210> 2792

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<223> Description of Artificial Sequence: example ZFP

<400> 2792

Asp Arg Ser Asn Leu Thr Arg

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<210> 2793

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<223> Description of Artificial Sequence: example ZFP

<400> 2793

Arg Ser Asp Ala Leu Arg Glu

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<210> 2794

<211> 7

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<223> Description of Artificial Sequence: example ZFP

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Arg Ser Asp Ala Leu Arg Glu

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<210> 2795

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<223> Description of Artificial Sequence: example ZFP

<400> 2795

Gln Ser Gly Ser Leu Thr Arg  
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<210> 2796

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<223> Description of Artificial Sequence: example ZFP

<400> 2796

Gln Ser Gly Ser Leu Thr Arg  
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<210> 2797

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<223> Description of Artificial Sequence: example ZFP

<400> 2797

Arg Ser Asp Asn Leu Ala Arg  
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<210> 2798

<211> 7

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<223> Description of Artificial Sequence: example ZFP

<400> 2798

Gln Ser Ser Ala Leu Ala Arg  
1 5

<210> 2799

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<223> Description of Artificial Sequence: example ZFP

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Arg Ser Asp Ala Leu Thr Arg

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<210> 2800

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<223> Description of Artificial Sequence: example ZFP

<400> 2800

Gln Ser Gly Ser Leu Thr Arg

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<210> 2801

<211> 7

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<223> Description of Artificial Sequence: example ZFP

<400> 2801

Gln Ser His Asp Leu Thr Lys

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<210> 2802

<211> 7

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<223> Description of Artificial Sequence: example ZFP

<400> 2802

Gln Ser Ala Asn Leu Ala Arg

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<210> 2803

<211> 7

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<223> Description of Artificial Sequence: example ZFP

<400> 2803

Gln Ser Ala Asn Leu Ala Arg

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<210> 2804  
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<400> 2804  
Arg Ser Asp Ala Leu Thr Arg  
1 5

<210> 2805  
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<400> 2805  
Arg Ser Asp Ala Leu Thr Arg  
1 5

<210> 2806  
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<220>  
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<400> 2806  
Arg Ser Asp Glu Leu Thr Arg  
1 5

<210> 2807  
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<400> 2807  
Arg Ser Asp Glu Leu Thr Arg  
1 5

<210> 2808  
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<400> 2808  
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<210> 2809  
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<400> 2809  
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<400> 2810  
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<210> 2811  
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<400> 2811  
Gln Arg Ala His Leu Glu Arg  
1 5

<210> 2812  
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<223> Description of Artificial Sequence: example ZFP

<400> 2812  
Arg Ser Asp Glu Leu Thr Arg  
1 5

<210> 2813  
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<223> Description of Artificial Sequence: example ZFP

<400> 2813  
Arg Ser Asp Asn Leu Thr Thr  
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<210> 2814  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 2814  
Gln Ser Ser Asn Leu Ala Arg  
1 5

<210> 2815  
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<223> Description of Artificial Sequence: example ZFP

<400> 2815  
Thr Thr Ser Asn Leu Ala Arg  
1 5

<210> 2816  
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<223> Description of Artificial Sequence: example ZFP

<400> 2816  
Gln Ser Ser Asn Leu Arg Arg  
1 5

<210> 2817  
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<400> 2817  
Arg Ser Asp Ser Leu Leu Arg  
1 5

<210> 2818  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 2818  
Arg Leu Asp Ser Leu Leu Arg  
1 5

<210> 2819  
<211> 7  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 2819  
Gln Ser Gly Asp Leu Thr Arg  
1 5

<210> 2820  
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<223> Description of Artificial Sequence: example ZFP

<400> 2820  
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<210> 2821  
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 Thr Thr Ser Ala Leu Thr Arg  
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 Thr Thr Ser Ala Leu Thr Arg  
   1                  5  
  
  
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   1                  5  
  
  
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<400> 2825  
Asp Arg Ser Ala Leu Thr Arg  
1 5

<210> 2826  
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<400> 2826  
Gln Ser Ser Asp Leu Thr Arg  
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<210> 2827  
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<400> 2827  
Gln Ser Ser Asp Leu Thr Arg  
1 5

<210> 2828  
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<400> 2828  
Gln Ser Gly His Leu Ala Arg  
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<210> 2829  
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<223> Description of Artificial Sequence: example ZFP

<400> 2829

Arg Ser Asp Ala Leu Arg Glu  
1 5

<210> 2830

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<223> Description of Artificial Sequence: example ZFP

<400> 2830

Asp Arg Ser Ser Leu Thr Thr  
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<210> 2831

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<210> 2876

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<223> Description of Artificial Sequence: example ZFP

<400> 2876

Arg Ser Asp His Leu Thr Thr



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<210> 2878

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<400> 2886  
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<400> 2893  
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<210> 2894  
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<210> 2895  
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<210> 2897  
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<210> 2901  
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Gln Lys Thr Asn Leu Asp Thr  
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<210> 2902  
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<210> 2904  
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Gln Arg Ser Asn Leu Val Arg  
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Gln Ser Ser Asn Leu Ala Arg  
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<210> 2909

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Gln Ser Ser Asn Leu Ala Arg  
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<210> 2910

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Asp Arg Ser His Leu Thr Arg  
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<210> 2911  
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<210> 2912  
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<210> 2913  
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<400> 2913  
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Arg Ser Asp Ala Leu Thr Arg

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<210> 2916

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Arg Ser Asp Ala Leu Thr Arg

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<210> 2917

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<210> 2918

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<210> 2919

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<210> 2923  
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<210> 2924

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Arg Ser Asp His Leu Thr Thr

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<210> 2925

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Gln Ser Ser Asp Leu Arg Arg

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Gln Ser Ser Asp Leu Arg Arg

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<210> 2927

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Gln Ser Gly His Leu Gln Arg

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<400> 2929  
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<210> 2930  
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<400> 2930  
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<210> 2931  
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<400> 2931  
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<210> 2932  
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<223> Description of Artificial Sequence: example ZFP

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<210> 2950

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<210> 2951

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<223> Description of Artificial Sequence: example ZFP

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<210> 2952

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<223> Description of Artificial Sequence: example ZFP

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Arg Ser Asp Glu Leu Thr Arg  
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<210> 2953

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<223> Description of Artificial Sequence: example ZFP

<400> 2953

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<210> 2954

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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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<210> 2957

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<223> Description of Artificial Sequence: example ZFP

<400> 2957

Glu Arg Gly Thr Leu Ala Arg  
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<210> 2983  
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Asp Arg Ser Ala Leu Thr Arg  
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<210> 2984

<211> 7

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<223> Description of Artificial Sequence: example ZFP

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<210> 2985

<211> 7

<212> PRT

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<223> Description of Artificial Sequence: example ZFP

<400> 2985

Arg Ser Asp His Leu Ser Arg  
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<210> 2986

<211> 7

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<223> Description of Artificial Sequence: example ZFP

<400> 2986

Thr Thr Ser Ala Leu Thr Arg  
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<210> 2987

<211> 7

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<223> Description of Artificial Sequence: example ZFP

<400> 2987

Thr Thr Ser Ala Leu Thr Arg  
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<210> 2988  
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<400> 2988  
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1 5

<210> 2989  
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<400> 2989  
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<210> 2990  
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<210> 2991  
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<400> 2991  
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<210> 2992  
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<223> Description of Artificial Sequence: example ZFP

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Gln Ser His Asp Leu Thr Lys  
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<210> 2993

<211> 7

<212> PRT

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<223> Description of Artificial Sequence: example ZFP

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Asn Lys Thr Asp Leu Gly Lys  
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<210> 2994

<211> 7

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<223> Description of Artificial Sequence: example ZFP

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Asn Lys Thr Asp Leu Gly Lys  
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<210> 2995

<211> 7

<212> PRT

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<223> Description of Artificial Sequence: example ZFP

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Asp Arg Ser Asn Leu Thr Arg  
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<210> 2996

<211> 7

<212> PRT

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<223> Description of Artificial Sequence: example ZFP

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<210> 2997  
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<210> 2998  
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<210> 2999  
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<210> 3000  
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<210> 3006  
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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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<210> 3008  
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<210> 3009  
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<210> 3010  
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<400> 3010  
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<210> 3011  
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<400> 3011  
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<210> 3012  
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<223> Description of Artificial Sequence: example ZFP

<400> 3012  
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1 5

<210> 3013  
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<400> 3013  
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<210> 3014  
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<400> 3014  
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<210> 3015  
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<400> 3015  
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<210> 3016  
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<210> 3017  
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<223> Description of Artificial Sequence: example ZFP

<400> 3017  
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<210> 3018  
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<400> 3018  
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<210> 3019  
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<400> 3019  
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<210> 3020  
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<400> 3020  
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1 5

<210> 3021  
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<400> 3021  
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1 5

<210> 3022  
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<400> 3022

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<210> 3023

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<400> 3023

Gln Ser Gly Asn Leu Ala Arg  
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<210> 3024

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<223> Description of Artificial Sequence: example ZFP

<400> 3024

Arg Ser Asp Asn Leu Arg Thr  
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<210> 3025

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<223> Description of Artificial Sequence: example ZFP

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Arg Ser Asp Ser Leu Ala Arg  
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<210> 3026

<211> 7

<212> PRT

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<223> Description of Artificial Sequence: example ZFP

<400> 3026

Asp Pro Gly Ala Leu Val Arg  
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<210> 3027

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<223> Description of Artificial Sequence: example ZFP

<400> 3027

Asp Arg Ser Ala Leu Ala Arg  
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<210> 3028

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<223> Description of Artificial Sequence: example ZFP

<400> 3028

Asp Pro Gly Ala Leu Val Arg  
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<210> 3029

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<223> Description of Artificial Sequence: example ZFP

<400> 3029

Arg Ser Asp Ser Leu Ala Arg  
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<210> 3030

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<223> Description of Artificial Sequence: example ZFP

<400> 3030

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5

<210> 3031

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<223> Description of Artificial Sequence: example ZFP

<400> 3031

Gln Ser Ser Ala Leu Thr Arg

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5

<210> 3032

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<223> Description of Artificial Sequence: example ZFP

<400> 3032

Gln Ser Ala Thr Leu Ala Arg

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5

<210> 3033

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<223> Description of Artificial Sequence: example ZFP

<400> 3033

Gln Ser Ser Asn Leu Val Arg

1

5

<210> 3034

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<223> Description of Artificial Sequence: example ZFP

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Gln Ser Ser Asn Leu Val Arg

1

5

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<400> 3035  
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<223> Description of Artificial Sequence: example ZFP

<400> 3036  
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<210> 3037  
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<400> 3037  
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<400> 3038  
Arg Ser Asp His Leu Thr Arg  
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<210> 3039  
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<400> 3039  
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<210> 3040  
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<223> Description of Artificial Sequence: example ZFP

<400> 3040  
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<210> 3041  
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<223> Description of Artificial Sequence: example ZFP

<400> 3041  
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<210> 3042  
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1 5

<210> 3043  
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<400> 3043  
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<400> 3044  
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<210> 3045  
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<400> 3045  
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<210> 3046  
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<400> 3046  
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<210> 3047  
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<400> 3047  
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<210> 3048  
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<400> 3048  
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<210> 3049  
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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

<400> 3050  
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<210> 3051  
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<223> Description of Artificial Sequence: example ZFP

<400> 3051  
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<210> 3052  
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 Arg Ser Asp Asn Leu Ser Arg  
 1 5  
  
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 Arg Ser Asp Asn Leu Ser Arg  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 3056  
Asp Arg Ser Ser Leu Thr Arg  
1 5

<210> 3057  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 3057  
Asp Arg Ser Asp Leu Thr Arg  
1 5

<210> 3058  
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<223> Description of Artificial Sequence: example ZFP

<400> 3058  
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<210> 3059  
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<223> Description of Artificial Sequence: example ZFP

<400> 3059  
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1 5

<210> 3060  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 3060

Asp Arg Ser His Leu Ala Arg  
1 5

<210> 3061  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 3061  
Arg Ser Asp Glu Leu Gln Arg  
1 5

<210> 3062  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 3062  
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1 5

<210> 3063  
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<223> Description of Artificial Sequence: example ZFP

<400> 3063  
Asp Arg Ser Ser Leu Thr Arg  
1 5

<210> 3064  
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<223> Description of Artificial Sequence: example ZFP

<400> 3064  
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1 5

<210> 3065  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 3065  
Gln Ser Gly Ser Leu Thr Arg  
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<210> 3066  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 3066  
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1 5

<210> 3067  
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<223> Description of Artificial Sequence: example ZFP

<400> 3067  
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1 5

<210> 3068  
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<223> Description of Artificial Sequence: example ZFP

<400> 3068  
Arg Ser Asp Glu Leu Gln Arg  
1 5

<210> 3069  
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<223> Description of Artificial Sequence: example ZFP

<400> 3069

Arg Ser Asp Glu Leu Gln Arg

1

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<210> 3070

<211> 7

<212> PRT

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<220>

<223> Description of Artificial Sequence: example ZFP

<400> 3070

Asp Arg Ser His Leu Ala Arg

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<210> 3071

<211> 7

<212> PRT

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<220>

<223> Description of Artificial Sequence: example ZFP

<400> 3071

Asp Arg Ser His Leu Ala Arg

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<210> 3072

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 3072

Asp Arg Ser His Leu Ala Arg

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<210> 3073

<211> 7

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<223> Description of Artificial Sequence: example ZFP

<400> 3073  
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<210> 3074  
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<223> Description of Artificial Sequence: example ZFP

<400> 3074  
Gln Ser Ser Asp Leu Gln Arg  
1 5

<210> 3075  
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<212> PRT  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 3075  
Gln Ser Ser Asp Leu Gln Arg  
1 5

<210> 3076  
<211> 7  
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<220>  
<223> Description of Artificial Sequence: example ZFP

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1 5

<210> 3077  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 3077  
Arg Ser Asp Asn Leu Ala Arg

1

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<210> 3078

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 3078

Arg Ser Asp Ser Leu Ala Arg

1

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<210> 3079

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 3079

Ser Ser Gly Ser Leu Val Arg

1

5

<210> 3080

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 3080

Thr Ser Gly Glu Leu Val Arg

1

5

<210> 3081

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 3081

Asp Arg Ser His Leu Ala Arg

1

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<210> 3082



<211> 7  
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<220>

<223> Description of Artificial Sequence: example ZFP

<400> 3082

Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 3083

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 3083

Arg Ser Asp Ala Leu Thr Ser  
1 5

<210> 3084

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 3084

Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 3085

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 3085

Arg Ser Asp Asn Leu Thr Lys  
1 5

<210> 3086

<211> 7

<212> PRT

<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 3086  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 3087  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 3087  
Arg Ser Asp Ala Leu Thr Arg  
1 5

<210> 3088  
<211> 7  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 3088  
Gln Ser Ser Asp Leu Ser Arg  
1 5

<210> 3089  
<211> 7  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 3089  
Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 3090  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 3090  
Arg Ser Asp Asn Leu Thr Lys  
1 5

<210> 3091  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 3091  
Arg Ser Asp Asn Leu Thr Lys  
1 5

<210> 3092  
<211> 7  
<212> PRT  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 3092  
Arg Ser Asp His Leu Thr Arg  
1 5

<210> 3093  
<211> 7  
<212> PRT  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 3093  
Gln Ser Gly His Leu Thr Arg  
1 5

<210> 3094  
<211> 7  
<212> PRT  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 3094  
Arg Ser Asp Ser Leu Thr Gln  
1 5

<210> 3095  
<211> 7  
<212> PRT  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 3095  
Arg Ser Asp Ser Leu Thr Gln  
1 5

<210> 3096  
<211> 7  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 3096  
Gln Ser Gly His Leu Thr Arg  
1 5

<210> 3097  
<211> 7  
<212> PRT  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 3097  
Arg Ser Asp Ser Leu Ala Arg  
1 5

<210> 3098  
<211> 7  
<212> PRT  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 3098  
Gln Ser Ser Ser Leu Val Arg  
1 5

<210> 3099  
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 <223> Description of Artificial Sequence: example ZFP  
  
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 Gln Ser Gly His Leu Asn Gln  
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 <223> Description of Artificial Sequence: example ZFP  
  
 <400> 3100  
 Gln Ser Gly Ser Leu Thr Arg  
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 <223> Description of Artificial Sequence: example ZFP  
  
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 Arg Ser Asp Asn Leu Ala Arg  
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 <210> 3102  
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 <220>  
 <223> Description of Artificial Sequence: example ZFP  
  
 <400> 3102  
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 <210> 3103  
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<223> Description of Artificial Sequence: example ZFP

<400> 3103

Thr Ser Gly Asn Leu Val Arg  
1 5

<210> 3104

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 3104

Gln Ser Ser Ser Leu Val Arg  
1 5

<210> 3105

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 3105

Arg Ser Asp Asn Leu Ala Arg  
1 5

<210> 3106

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 3106

Arg Ser Asp Asn Leu Thr Lys  
1 5

<210> 3107

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 3107

Arg Ser Asp Asn Leu Ala Arg

1

5

&lt;210&gt; 3108

&lt;211&gt; 7

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: example ZFP

&lt;400&gt; 3108

Arg Ser Asp Asn Leu Ala Arg

1

5

&lt;210&gt; 3109

&lt;211&gt; 7

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: example ZFP

&lt;400&gt; 3109

Gln Ser Ser Ser Leu Val Arg

1

5

&lt;210&gt; 3110

&lt;211&gt; 7

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: example ZFP

&lt;400&gt; 3110

Gln Ser Ser Asp Leu Ser Arg

1

5

&lt;210&gt; 3111

&lt;211&gt; 7

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Description of Artificial Sequence: example ZFP

&lt;400&gt; 3111

Arg Ser Asp Glu Leu Gln Arg

1

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<210> 3112  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 3112  
Gln Ser Ser Asp Leu Gln Arg  
1 5

<210> 3113  
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<223> Description of Artificial Sequence: example ZFP

<400> 3113  
Asp Arg Ser Ala Leu Thr Thr  
1 5

<210> 3114  
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<223> Description of Artificial Sequence: example ZFP

<400> 3114  
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1 5

<210> 3115  
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<223> Description of Artificial Sequence: example ZFP

<400> 3115  
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1 5

<210> 3116  
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<212> PRT  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 3116  
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1 5

<210> 3117  
<211> 7  
<212> PRT  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 3117  
Arg Ser Asp His Leu Ser Arg  
1 5

<210> 3118  
<211> 7  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 3118  
Thr Ser Gly Glu Leu Val Arg  
1 5

<210> 3119  
<211> 7  
<212> PRT  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 3119  
Gln Ser Ser Asp Leu Gln Arg  
1 5

<210> 3120  
<211> 7  
<212> PRT  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 3120  
Arg Ser Asp Asn Leu Arg Thr  
1 5

<210> 3121  
<211> 7  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 3121  
Gln Ser Gly His Leu Thr Arg  
1 5

<210> 3122  
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<223> Description of Artificial Sequence: example ZFP

<400> 3122  
Gln Arg Ala His Leu Glu Arg  
1 5

<210> 3123  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 3123  
Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 3124  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 3124  
Gln Ser Gly Asp Leu Arg Arg  
1 5

<210> 3125  
<211> 7  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 3125  
Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 3126  
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<220>  
<223> Description of Artificial Sequence: example ZFP  
<400> 3126  
Gln Ser Ser Asp Leu Gln Arg  
1 5

<210> 3127  
<211> 7  
<212> PRT  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 3127  
Gln Ser Ser Asp Leu Gln Arg  
1 5

<210> 3128  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 3128  
Gln Ser Ser Asp Leu Gln Arg  
1 5

<210> 3129  
<211> 7

<212> PRT  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 3129  
Gln Ser Ser Asp Leu Gln Arg  
1 5

<210> 3130  
<211> 7  
<212> PRT  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 3130  
Glu Lys Ala Asn Leu Thr Arg  
1 5

<210> 3131  
<211> 7  
<212> PRT  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 3131  
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1 5

<210> 3132  
<211> 7  
<212> PRT  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 3132  
Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 3133  
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<212> PRT  
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<223> Description of Artificial Sequence: example ZFP

<400> 3133  
Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 3134  
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<400> 3134  
Gln Ser Gly Ser Leu Thr Arg  
1 5

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<400> 3135  
Gln Ser Gly Asp Leu Thr Arg  
1 5

<210> 3136  
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<400> 3136  
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1 5

<210> 3137  
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<400> 3137

Asp Arg Ser Asp Leu Thr Arg  
1 5

<210> 3138

<211> 7

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<223> Description of Artificial Sequence: example ZFP

<400> 3138

Arg Ser Asp Asn Leu Ala Arg  
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<210> 3139

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<223> Description of Artificial Sequence: example ZFP

<400> 3139

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<223> Description of Artificial Sequence: example ZFP

<400> 3140

Arg Ser Asp Glu Leu Gln Arg  
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<210> 3141

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<223> Description of Artificial Sequence: example ZFP

<400> 3141

Arg Ser Asp Glu Leu Gln Arg  
1 5

<210> 3142  
<211> 7  
<212> PRT  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 3142  
Gln Ser Gly Ser Leu Thr Arg  
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<210> 3143  
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<400> 3143  
Asp Arg Ser His Leu Ala Arg  
1 5

<210> 3144  
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<223> Description of Artificial Sequence: example ZFP

<400> 3144  
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1 5

<210> 3145  
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<223> Description of Artificial Sequence: example ZFP

<400> 3145  
Asp Arg Ser His Leu Ala Arg  
1 5

<210> 3146  
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<223> Description of Artificial Sequence: example ZFP

<400> 3146

Arg Ser Asp His Leu Thr Arg

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<210> 3147

<211> 7

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<223> Description of Artificial Sequence: example ZFP

<400> 3147

Arg Ser Asp His Leu Thr Arg

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5

<210> 3148

<211> 7

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<220>

<223> Description of Artificial Sequence: example ZFP

<400> 3148

Gln Ser Gly Ser Leu Thr Arg

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5

<210> 3149

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 3149

Gln Ser Gly Asp Leu Thr Arg

1

5

<210> 3150

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP



<400> 3150  
Arg Ser Asp Ala Leu Thr Thr  
1 5

<210> 3151  
<211> 7  
<212> PRT  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 3151  
Arg Ser Asp Ala Leu Thr Lys  
1 5

<210> 3152  
<211> 7  
<212> PRT  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 3152  
Arg Ser Asp Ala Leu Thr Lys  
1 5

<210> 3153  
<211> 7  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 3153  
Gln Ser Gly Ser Leu Thr Arg  
1 5

<210> 3154  
<211> 7  
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<220>  
<223> Description of Artificial Sequence: example ZFP

<400> 3154  
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1

5

<210> 3155

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example ZFP

<400> 3155

Arg Ser Asp His Leu Ser Arg

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5

<210> 3156

<211> 7

<212> PRT

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<223> Description of Artificial Sequence: example ZFP

<400> 3156

Arg Ser Asp His Leu Ser Arg

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<210> 3157

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<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: example ZFP

<400> 3157

Arg Ser Asp Asn Leu Ala Arg

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<210> 3158

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<400> 3244  
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Gln Ser Gly Ser Leu Thr Arg

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Arg Ser Asp Asn Arg Thr Ala

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<210> 3263

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<223> Description of Artificial Sequence: example ZFP

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Arg Ser Asp Asn Leu Thr Arg

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<210> 3299  
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<210> 3303

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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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<210> 3312

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<223> Description of Artificial Sequence: example ZFP

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<210> 3337

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<400> 3338

Asp Pro Gly Ala Leu Val Arg

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<210> 3340

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<223> Description of Artificial Sequence: example ZFP

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<400> 3342

Arg Ser His Ala Leu Thr Arg  
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<210> 3362  
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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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<210> 3401  
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<223> Description of Artificial Sequence: example ZFP

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<210> 3412

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<223> Description of Artificial Sequence: example ZFP

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<210> 3415

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<223> Description of Artificial Sequence: example ZFP

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Arg Ser Asp Asp Leu Gln Arg  
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<210> 3416

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<223> Description of Artificial Sequence: example ZFP

<400> 3416

Arg Ser Asp Glu Arg Lys Arg  
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<210> 3417

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<223> Description of Artificial Sequence: example ZFP

<400> 3417

Asp Arg Ser Asn Leu Thr Arg  
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<210> 3418

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<223> Description of Artificial Sequence: example ZFP

<400> 3418

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<210> 3419

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<212> PRT

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<223> Description of Artificial Sequence: example ZFP

<400> 3419

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<210> 3420  
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<210> 3423  
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<210> 3424  
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<400> 3424  
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<210> 3425  
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Gln Ser Gly Asn Leu Ala Arg  
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<210> 3426  
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<400> 3438  
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<210> 3447

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<400> 3447

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<210> 3448

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<400> 3448

Glu Arg Gly Thr Leu Ala Arg  
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<210> 3449

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<223> Description of Artificial Sequence: example ZFP

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<210> 3454  
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<210> 3455

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<210> 3456

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<210> 3457

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<210> 3458

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<210> 3459  
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<210> 3460  
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<400> 3473  
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<400> 3474  
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1 5

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<400> 3477  
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1 5

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<400> 3478  
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1 5

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<400> 3479  
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1 5

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<400> 3480  
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1 5

<210> 3481  
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<400> 3481  
Gln Ser Gly His Leu Gln Arg  
1 5

<210> 3482  
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<400> 3482  
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1 5

<210> 3483  
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1 5

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Thr Ser Asp His Leu Ala Ser

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<210> 3523

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<210> 3524

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Gln Ser Gly Asp Leu Arg Thr  
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<210> 3525

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<210> 3526

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<223> Description of Artificial Sequence: example ZFP

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<210> 3532

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<210> 3539

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<223> Description of Artificial Sequence: example ZFP

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<210> 3540

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<223> Description of Artificial Sequence: example ZFP

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Arg Ser Asp His Leu Ser Lys

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<210> 3541

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<223> Description of Artificial Sequence: example ZFP

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<210> 3542

<211> 7

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<223> Description of Artificial Sequence: example ZFP

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<210> 3543

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Gln Ser Ser His Leu Ala Arg  
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<210> 3549  
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<210> 3550  
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<210> 3551  
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<210> 3553  
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<210> 3554  
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<400> 3554  
Arg Ser Asp Asn Leu Ala Arg  
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<400> 3555  
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<210> 3556  
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<210> 3557  
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<210> 3558  
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<210> 3559  
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<210> 3560  
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<210> 3561  
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 Asp Arg Ser Asp Leu Thr Arg  
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<210> 3563  
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<210> 3564  
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Arg Ser Asp Ala Leu Arg Glu  
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<210> 3567

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<210> 3568

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Arg Ser Asp Ala Leu Arg Glu  
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<210> 3569

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Arg Ser Asp Asn Leu Arg Glu

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<210> 3570

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Arg Ser Asp Glu Leu Arg Glu

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<210> 3571

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<223> Description of Artificial Sequence: example ZFP

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Arg Ser Asp Glu Leu Arg Glu

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<210> 3572

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<223> Description of Artificial Sequence: example ZFP

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Asp Arg Ser Asn Leu Thr Arg

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<210> 3573

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Glu Lys Ala Asn Leu Thr Arg

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<210> 3585  
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<210> 3586  
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<210> 3587  
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<210> 3588  
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<210> 3589  
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<400> 3589  
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<210> 3590  
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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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<210> 3598  
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<210> 3601

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<210> 3603

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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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<210> 3612

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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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<210> 3627  
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<223> Description of Artificial Sequence: example ZFP

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<210> 3629  
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<210> 3631  
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<223> Description of Artificial Sequence: example ZFP

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<210> 3632  
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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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Arg Ser Asp Glu Arg Lys Arg  
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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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<210> 3641

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<223> Description of Artificial Sequence: example ZFP

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<210> 3642

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<223> Description of Artificial Sequence: example ZFP

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Arg Ser Asp Glu Arg Lys Arg  
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<210> 3643

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<223> Description of Artificial Sequence: example ZFP

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Arg Ser Asp His Leu Thr Thr  
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<210> 3644

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<223> Description of Artificial Sequence: example ZFP

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<210> 3645

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<210> 3646

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<400> 3647

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<210> 3648

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<223> Description of Artificial Sequence: example ZFP

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<210> 3649

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<223> Description of Artificial Sequence: example ZFP

<400> 3649

Arg Ser Asp His Leu Ser Arg  
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<210> 3650

<211> 7

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<223> Description of Artificial Sequence: example ZFP

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Gln Arg Ala His Leu Ala Arg  
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<210> 3653  
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Arg Ser Asp Glu Arg Lys Arg  
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<210> 3655  
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<223> Description of Artificial Sequence: example ZFP

<400> 3656  
Arg Ser Asp His Leu Ser Arg  
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<210> 3657  
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<223> Description of Artificial Sequence: example ZFP

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<210> 3659  
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<210> 3660  
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<210> 3661  
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<223> Description of Artificial Sequence: example ZFP

<400> 3661  
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<210> 3662  
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<210> 3663  
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<223> Description of Artificial Sequence: example ZFP

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<210> 3664  
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<210> 3668

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<210> 3669  
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<210> 3670  
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<223> Description of Artificial Sequence: example ZFP

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<210> 3671  
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<210> 3677

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<210> 3678

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<210> 3679

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<400> 3681  
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<210> 3682  
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<400> 3682  
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<400> 3683  
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<210> 3684  
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<210> 3685  
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<210> 3686

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<210> 3687

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<210> 3688

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<210> 3690  
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<210> 3692  
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<210> 3693  
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<210> 3694  
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<210> 3695  
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<210> 3696  
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<210> 3697  
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<400> 3697  
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<210> 3698



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<210> 3699  
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<223> Description of Artificial Sequence: example ZFP

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<210> 3700  
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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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<400> 3739  
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<400> 3749  
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<210> 3750  
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<400> 3751  
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Arg Ser Asp Asn Leu Thr Gln  
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<210> 3754

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<223> Description of Artificial Sequence: example ZFP

<400> 3754

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<210> 3755

<211> 7

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<223> Description of Artificial Sequence: example ZFP

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<210> 3756

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<223> Description of Artificial Sequence: example ZFP

<400> 3756

Gln Arg Ala Ser Leu Ala Arg  
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<210> 3757

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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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Arg Ser Asp Asn Leu Thr Arg

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<210> 3763

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<223> Description of Artificial Sequence: example ZFP

<400> 3763

Arg Ser Ser Asn Leu Thr Arg

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<210> 3764

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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

<400> 3765

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<210> 3766

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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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<210> 3781  
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<210> 3793  
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<400> 3793  
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<210> 3797

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<210> 3800

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<223> Description of Artificial Sequence: example ZFP

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Arg Ser Asp His Leu Ser Arg



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<223> Description of Artificial Sequence: example ZFP

<400> 3801

Arg Ser Asp Asn Leu Ala Arg

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Arg Ser Asp His Leu Ser Arg

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<210> 3820  
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<210> 3822  
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<210> 3823  
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<210> 3825  
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<210> 3827  
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<210> 3832  
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<210> 3833  
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<210> 3834  
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<210> 3837  
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<210> 3838  
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<210> 3839  
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<223> Description of Artificial Sequence: example ZFP

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<210> 3840

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<210> 3841

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<210> 3842

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<223> Description of Artificial Sequence: example ZFP

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<210> 3843

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<223> Description of Artificial Sequence: example ZFP

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<210> 3847  
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<210> 3848  
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<210> 3849  
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<210> 3850  
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<210> 3851  
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<210> 3854  
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<400> 3854  
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<210> 3855  
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<210> 3856  
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<210> 3857  
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<210> 3858  
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<210> 3859  
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<210> 3861  
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<210> 3862  
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<210> 3863  
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<210> 3864  
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<210> 3865  
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<223> Description of Artificial Sequence: example ZFP

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<210> 3866

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<223> Description of Artificial Sequence: example ZFP

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<210> 3867

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<210> 3868

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<210> 3869

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<223> Description of Artificial Sequence: example ZFP

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<210> 3874

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<223> Description of Artificial Sequence: example ZFP

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<210> 3875

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<210> 3876

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<223> Description of Artificial Sequence: example ZFP

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<210> 3877

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<210> 3880

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<210> 3883  
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<210> 3884  
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<210> 3885  
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<210> 3886  
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<210> 3887  
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<210> 3888  
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<210> 3889  
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<210> 3890  
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<210> 3891  
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<210> 3892  
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<400> 3893  
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<210> 3894  
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<210> 3895  
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<210> 3896  
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<210> 3897  
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<210> 3898  
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<210> 3899

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<210> 3900  
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<210> 3901  
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<400> 3901  
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<210> 3902  
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<400> 3902  
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<210> 3903  
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<210> 3904  
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<210> 3905  
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<210> 3906  
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<210> 3907  
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Arg Ser Asp Ala Leu Ala Gln  
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<210> 3908  
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<400> 3908  
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<210> 3909  
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<400> 3909  
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1 5

<210> 3910  
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<223> Description of Artificial Sequence: example ZFP

<400> 3910  
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<210> 3911  
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<400> 3911  
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<210> 3912  
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<400> 3912  
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1 5

<210> 3913  
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<400> 3913  
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1 5

<210> 3914  
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<400> 3914  
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1 5

<210> 3915  
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<400> 3915  
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1 5

<210> 3916  
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<400> 3916

Arg Ser Asp Asp Leu Arg Glu  
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<210> 3917

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<223> Description of Artificial Sequence: example ZFP

<400> 3917

Glu Arg Gly Asp Leu Thr Arg  
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<210> 3918

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<223> Description of Artificial Sequence: example ZFP

<400> 3918

Glu Arg Gly Asp Leu Thr Arg  
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<210> 3919

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<400> 3919

Asp Cys Arg Asp Leu Ala Arg  
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<210> 3920

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<223> Description of Artificial Sequence: example ZFP

<400> 3920  
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<210> 3921  
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<400> 3921  
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1 5

<210> 3922  
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<400> 3922  
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1 5

<210> 3923  
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<400> 3923  
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<210> 3924  
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<400> 3924  
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<210> 3925  
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<400> 3925  
Arg Ser Asp His Leu Thr Thr  
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<210> 3926  
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<400> 3926  
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<210> 3927  
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<220>  
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<220>  
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<220>  
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<220>  
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1 5

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<220>  
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<210> 4042  
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<220>  
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<400> 4042  
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<210> 4043  
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<220>  
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<220>  
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<220>  
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<220>  
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<400> 4046  
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<210> 4047  
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<220>  
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<221> MOD\_RES  
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<400> 4047  
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<220>  
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<220>  
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<223> Description of Artificial Sequence: example ZFP

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<223> variable amino acid

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1 5

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<211> 7

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<400> 4053  
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<210> 4054  
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<220>  
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<400> 4054

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1 5

<210> 4055

<211> 7

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<220>

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recognition helix sequence

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<223> Xaa = any amino acid

<400> 4055

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<210> 4056

<211> 7

<212> PRT

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<220>

<223> Description of Artificial Sequence: zinc finger  
recognition helix sequence

<220>

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<223> Xaa = any amino acid

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Arg Xaa Asp Ala Xaa Xaa Gln  
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<210> 4057

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: zinc finger  
recognition helix sequence

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<223> Xaa = any amino acid

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<210> 4058

<211> 7

<212> PRT

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<220>

<223> Description of Artificial Sequence: zinc finger  
recognition helix sequence

<220>

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<223> Xaa = any amino acid

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Gln Xaa Gly Asn Xaa Xaa Arg  
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<210> 4059

<211> 7

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<223> Description of Artificial Sequence: zinc finger  
recognition helix sequence

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<211> 7

<212> PRT

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recognition helix sequence

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<223> Xaa = any amino acid

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Gln Xaa Ser Asn Xaa Xaa Arg  
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<210> 4063

<211> 7

<212> PRT

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recognition helix sequence

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<223> Xaa = any amino acid

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recognition helix sequence

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recognition helix sequence

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1 5

<210> 4066  
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<220>  
<223> Description of Artificial Sequence: zinc finger



recognition helix sequence

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5

<210> 4067

<211> 7

<212> PRT

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<223> Description of Artificial Sequence: zinc finger  
recognition helix sequence

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Glu Xaa Gly Thr Xaa Xaa Arg

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<210> 4068

<211> 7

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<220>

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recognition helix sequence

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recognition helix sequence

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<220>  
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recognition helix sequence

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&lt;211&gt; 7

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: zinc finger  
recognition helix sequence

&lt;220&gt;

&lt;221&gt; SITE

&lt;222&gt; (2)

&lt;223&gt; Xaa = any amino acid

&lt;220&gt;

&lt;221&gt; SITE

&lt;222&gt; (5)..(6)

&lt;223&gt; Xaa = any amino acid

&lt;400&gt; 4071

Thr Xaa Gly Glu Xaa Xaa Arg  
1 5

&lt;210&gt; 4072

&lt;211&gt; 7

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: zinc finger  
recognition helix sequence

&lt;220&gt;

&lt;221&gt; SITE

&lt;222&gt; (2)

&lt;223&gt; Xaa = any amino acid

&lt;220&gt;

&lt;221&gt; SITE

&lt;222&gt; (5)..(6)

&lt;223&gt; Xaa = any amino acid

&lt;400&gt; 4072

Gln Xaa Gly His Xaa Xaa Arg  
1 5

&lt;210&gt; 4073

&lt;211&gt; 7

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

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recognition helix sequence

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<400> 4073  
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<210> 4074  
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<220>  
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recognition helix sequence

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<400> 4074  
Asp Xaa Ser His Xaa Xaa Arg  
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<400> 4075  
Arg Xaa Asp His Xaa Xaa Arg  
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<210> 4076  
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<220>  
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1 5

<210> 4078  
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<220>  
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recognition helix sequence

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<210> 4079  
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<220>  
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recognition helix sequence

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<210> 4080

<211> 7  
<212> PRT  
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<220>  
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recognition helix sequence

<220>  
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<220>  
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<400> 4080  
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1 5

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<212> PRT  
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<220>  
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recognition helix sequence

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<400> 4081  
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1 5

<210> 4082  
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1 5